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OM protein - protein search, using sw model

Run on: November 17, 2005, 20:09:43 ; Search time 20.1429 Seconds
(without alignments)
33.354 Million cell updates/sec

Title: US-09-744-804A-35

Perfect score: 53

Sequence: 1 KOGNFWAWY 9

Scoring table:

BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-Processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents AA:*
1: /cgn2_6/prodata/1/1aa/5A_COMB.pep:*
2: /cgn2_6/prodata/1/1aa/5B_COMB.pep:*
3: /cgn2_6/prodata/1/1aa/6A_COMB.pep:*
4: /cgn2_6/prodata/1/1aa/6B_COMB.pep:*
5: /cgn2_6/prodata/1/1aa/PCTUS_COMB.pep:*
6: /cgn2_6/prodata/1/1aa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	53	100.0	159	2	US-08-162-402B-12 Sequence 12, Appl
2	53	100.0	217	1	US-07-607-538C-3 Sequence 3, Appl
3	53	100.0	217	2	US-08-162-402B-3 Sequence 3, Appl
4	53	100.0	217	4	US-09-364-185-3 Sequence 3, Appl
5	53	100.0	218	1	US-07-607-538C-2 Sequence 2, Appl
6	53	100.0	218	2	US-08-162-402B-2 Sequence 2, Appl
7	53	100.0	218	4	US-09-364-185-2 Sequence 2, Appl
8	53	100.0	387	4	US-08-162-402B-6 Sequence 6, Appl
9	53	100.0	465	2	US-08-162-402B-8 Sequence 8, Appl
10	39	73.6	369	2	US-08-424-224-2 Sequence 2, Appl
11	39	73.6	369	5	PCT-US94-02891-69 Sequence 69, Appl
12	36	67.9	129	4	US-08-826-134-7 Sequence 7, Appl
13	36	67.9	165	4	US-09-893-737-60 Sequence 60, Appl
14	36	67.9	321	2	US-08-480-229C-21 Sequence 21, Appl
15	36	67.9	321	2	US-08-659-235C-21 Sequence 21, Appl
16	36	67.9	443	4	US-09-489-039A-9381 Sequence 9381, Ap
17	36	67.9	448	4	US-09-949-016-10130 Sequence 10110, A
18	36	67.9	480	2	US-08-480-229C-10 Sequence 10, Appl
19	36	67.9	480	2	US-08-659-235C-10 Sequence 10, Appl
20	36	67.9	513	2	US-08-480-229C-14 Sequence 14, Appl
21	36	67.9	513	2	US-08-659-235C-14 Sequence 14, Appl
22	36	67.9	1384	4	US-08-826-134-2 Sequence 2, Appl
23	36	67.9	1384	4	US-09-949-016-6395 Sequence 6395, Ap
24	36	67.9	1564	4	US-09-976-594-309 Sequence 309, App
25	35	66.0	76	3	US-09-134-001C-3170 Sequence 3170, Ap
26	35	66.0	312	4	US-09-949-016-9733 Sequence 9733, Ap
27	34	64.2	264	4	US-09-543-681A-7126 Sequence 7126, Ap

28	34	64.2	269	4	US-09-252-991A-19580 Sequence 19580, A
29	34	64.2	283	4	US-09-902-540-12201 Sequence 12201, A
30	34	64.2	299	4	US-09-489-039A-12631 Sequence 12631, A
31	34	64.2	317	4	US-09-328-352-6391 Sequence 6391, Ap
32	34	64.2	319	4	US-09-489-039A-12160 Sequence 12160, A
33	34	64.2	347	1	US-08-052-205-7 Sequence 7, Appl
34	34	64.2	347	1	US-08-595-974-7 Sequence 7, Appl
35	34	64.2	369	1	US-08-052-205-4 Sequence 4, Appl
36	34	64.2	369	1	US-08-595-974-4 Sequence 4, Appl
37	34	64.2	369	3	US-09-191-786-2 Sequence 2, Appl
38	34	64.2	411	4	US-09-252-991A-21068 Sequence 21068, A
39	34	64.2	446	4	US-09-784-358-4 Sequence 4, Appl
40	34	64.2	583	4	US-09-252-991A-20324 Sequence 20324, A
41	34	64.2	670	4	US-09-489-039A-7251 Sequence 7251, Ap
42	34	64.2	724	4	US-09-784-358-8 Sequence 8, Appl
43	34	64.2	845	4	US-09-784-358-12 Sequence 12, Appl
44	34	64.2	937	4	US-09-543-681A-5513 Sequence 5513, Ap
45	34	64.2	1691	4	US-09-784-358-2 Sequence 2, Appl

ALIGNMENTS

RESULT 1
US-08-162-402B-12
; Sequence 12, Application US/08162402B
; Patent No. 5972337
; GENERAL INFORMATION:
; APPLICANT: CERIANI, ROBERTO L.
; APPLICANT: PETERSON, JERRY A.
; APPLICANT: LAROCCA, DAVID J.
; TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
; TITLE OF INVENTION: GLOBULE (HMPG) ANTIGEN, FRAGMENTS & FUSION PROTEIN
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder & Poplawski
; STREET: 444 South Flower St., 19th Floor
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/162,402B
; FILING DATE: 03-DEC-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel, Viiana
; REGISTRATION NUMBER: 30, 930
; REFERENCE/DOCKET NUMBER: P66 38215
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213-622-7700
; TELEFAX: 213-489-4210
; TELEX:
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 159 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; US-08-162-402B-12
Query Match 100.0%; Score 53; DB 2; Length 159;
Best Local Similarity 100.0%; Pred. No. 0.084;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Page 2

QY 1 KOGNFNAMY 9
|||||
Db 43 KOGNFNAMY 51

RESULT 2
US-07-607-538C-3
; Sequence 3, Application US/07607538C
; Patent No. 5455031

GENERAL INFORMATION:
APPLICANT: Ceriani Dr., Roberto L.
APPLICANT: Peterson Dr., Jerry A.
APPLICANT: Larocca, David J.
TITLE OF INVENTION: POLYPEPTIDE WITH 46
TITLE OF INVENTION: DIFFERENTIATION ANTIGEN BINDING SPECIFICITY AND CLOTTING
TITLE OF INVENTION: FACTORS V AND VIII LIGHT-CHAIN HOMOLOGIES,
TITLE OF INVENTION: FUSION PROTEIN POLYPEPTIDE AND POLYRIBO-
TITLE OF INVENTION: NUCLEOTIDE ENCODING THE POLYPEPTIDE ANTI-
TITLE OF INVENTION: POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: V. Amzel & Assoc.
STREET: 2055 No. 5455031th Broadway
CITY: Walnut Creek
STATE: California
COUNTRY: USA
ZIP: 94596

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/607,538C
FILING DATE: 01-NOV-1990
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: V. Amzel

REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: GRFC-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 943-1931
TELEFAX: (510) 943-1189

TELEX: N.A. Amzel
INFORMATION FOR SEQ. ID NO. 3:

SEQUENCE CHARACTERISTICS:
LENGTH: 217 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE:
US-07-607-538C-3

Query Match 100.0%; Score 53; DB 1; Length 217;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KOGNFNAMY 9
|||||
Db 101 KOGNFNAMY 109

RESULT 3
US-08-162-402B-3
; Sequence 3, Application US/08162402B
; Patent No. 5972337

GENERAL INFORMATION:
APPLICANT: Ceriani, Roberto L.
APPLICANT: Peterson, Jerry A.
APPLICANT: LARocca, David J.

TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
TITLE OF INVENTION: GLOBULIN (HMF) ANTIGEN, FRAGMENTS & FUSION PROTEIN
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder & Poplawski
STREET: 444 South Flower St., 19th Floor
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette

COMPUTER: IBM compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/162,402B
FILING DATE: 03-DEC-1993
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:

ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana

REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: P66 38215
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213-622-7700
TELEFAX: 213-489-4210

TELEX:
INFORMATION FOR SEQ. ID NO. 3:

SEQUENCE CHARACTERISTICS:
LENGTH: 217 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: peptide
US-08-162-402B-3

Query Match 100.0%; Score 53; DB 2; Length 217;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KOGNFNAMY 9
|||||
Db 101 KOGNFNAMY 109

RESULT 4
US-09-364-185-3
; Sequence 3, Application US/09364185
; Patent No. 6596928

GENERAL INFORMATION:
APPLICANT: Ceriani, Roberto L.
APPLICANT: Peterson, Jerry A.
APPLICANT: Larocca, David J.
TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDALTON
TITLE OF INVENTION: KIT & METHODS
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Ratner & Prestia
STREET: Suite 301
CITY: Valley Forge
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19482

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 3.5"

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
SOFTWARE: Patent #1.0,
SOFTWARE: Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/364,185
FILING DATE: June 7, 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: CRFC-046
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 407-0700
TELEFAX: (610) 407-0701
TELEX: N.A.
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 217
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE:
US-09-364-185-3

Query Match 100.0%; Score 53; DB 4; Length 217;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KOGFNNAV 9
Db 101 KOGFNNAV 109

RESULT 5
US-07-607-538C-2

Sequence 2, Application US/07607538C
Patent No. 5455031
GENERAL INFORMATION:
APPLICANT: Ceriani Dr., Roberto L.
APPLICANT: Peterson Dr., Jerry A.
APPLICANT: Larocca, David J.
TITLE OF INVENTION: POLYPEPTIDE WITH 46
TITLE OF INVENTION: DIFFERENTIATION ANTIGEN BINDING SPECIFICITY AND CLOTTING
TITLE OF INVENTION: FACTORS V AND VIII LIGHT-CHAIN HOMOLOGIES,
TITLE OF INVENTION: FUSION PROTEIN, POLYNUCLEOTIDE AND POLYRIBO-
TITLE OF INVENTION: NUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-
TITLE OF INVENTION: POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: V. Amzel & Assoc.
STREET: 2055 No. 5455031th Broadway
CITY: Walnut Creek
STATE: California
COUNTRY: USA
ZIP: 94596
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/607,538C
FILING DATE: 01-NOV-1990
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Viviana Amzel
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: CRFC-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 943-1931
TELEFAX: (510) 943-1189
TELEX: N.A.
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:

LENGTH: 218 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE:
US-07-607-538C-2

Query Match 100.0%; Score 53; DB 1; Length 218;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KOGFNNAV 9
Db 102 KOGFNNAV 110

RESULT 6
US-08-162-402B-2

Sequence 2, Application US/08162402B
Patent No. 5972337
GENERAL INFORMATION:
APPLICANT: CERIANI, ROBERTO L.
APPLICANT: PETERSON, JERRY A.
APPLICANT: LAROCCA, DAVID J.
TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder & Poplawski
STREET: 444 South Flower St., 19th Floor
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/162,402B
FILING DATE: 03-DEC-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: P66 38215
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213-622-7700
TELEFAX: 213-489-4210
TELEX:
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: peptide
US-08-162-402B-2

Query Match 100.0%; Score 53; DB 2; Length 218;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KOGFNNAV 9
Db 102 KOGFNNAV 110

RESULT 7
US-09-364-185-2
Sequence 2, Application US/09364185
Patent No. 6596928
GENERAL INFORMATION:
APPLICANT: Ceriani, Roberto L.
APPLICANT: Peterson, Jerry A.
TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDALTON
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Ratner & Prestia
STREET: Suite 301
STREET: One Westlakes, Berwyn
CITY: Valley Forge
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19482
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 3.5"
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
SOFTWARE: Version #1.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/364,185
FILING DATE: June 7, 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: CRFC-046
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 407-0700
TELEFAX: (610) 407-0701
TELEX: N.A.
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: amino acid
STRANDEDNESS: linear
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE:
US-09-364-185-2

Query Match 100.0%; Score 53; DB 4; Length 218;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KOGNFNAVY 9
Db 102 KOGNFNAVY 110

RESULT 8
US-08-162-402B-6
Sequence 6, Application US/08162402B
Patent No. 5972337
GENERAL INFORMATION:
APPLICANT: Ceriani, Roberto L.
APPLICANT: Peterson, Jerry A.
TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder & Poplawski
STREET: 444 South Flower St., 19th Floor
CITY: Los Angeles
STATE: CA
COUNTRY: USA

ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/162,402B
FILING DATE: 03-DEC-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: P66 38215
TELEPHONE: 213-622-7700
TELEFAX: 213-489-4210
TELEX:
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 387 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: peptide
US-08-162-402B-6

Query Match 100.0%; Score 53; DB 2; Length 387;
Best Local Similarity 100.0%; Pred. No. 0.21;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KOGNFNAVY 9
Db 271 KOGNFNAVY 279

RESULT 9
US-08-162-402B-8
Sequence 8, Application US/08162402B
Patent No. 5972337
GENERAL INFORMATION:
APPLICANT: Ceriani, Roberto L.
APPLICANT: Peterson, Jerry A.
TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder & Poplawski
STREET: 444 South Flower St., 19th Floor
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/162,402B
FILING DATE: 03-DEC-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: P66 38215

TELECOMMUNICATION INFORMATION:
TELEPHONE: 213-622-7700
TELEFAX: 213-489-4210
TELEX:
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 465 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: peptide
US-08-162-4028-8

Query Match 100.0%; Score 53; DB 2; Length 465;
Best Local Similarity 100.0%; Pred. No. 0.25;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KQGNFNAW 9
Db 349 KQGNFNAW 357

RESULT 10
US-08-424-224-2
Sequence 2, Application US/08424224
Patent No. 5912173
GENERAL INFORMATION:
APPLICANT: LEONARD, WARREN J.
TITLE OF INVENTION: MURINE IL-2R CDNA AND
TITLE OF INVENTION: USES THEREOF
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN
STREET: 345 PARK AVE.
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORD PERFECT # 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/424,224
FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/121,435
FILING DATE: 14-SEPT-1993
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAM S. FEILER
REGISTRATION NUMBER: 26,728
REFERENCE/DOCKET NUMBER: 2026-4061US1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-758-4800
TELEFAX: 212-751-6849
TELEX: 421792
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 369
TYPE: AMINO ACID
TOPOLOGY: UNKNOWN
MOLECULE TYPE: PROTEIN
DESCRIPTION: NO
HYPOTHETICAL: NO
ORGANISM: MURINE
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: IL-2R
US-08-424-224-2

Query Match 73.6%; Score 39; DB 2; Length 369;
Best Local Similarity 85.7%; Pred. No. 48;

Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 QGNFNAW 8
Db 304 QGNFSAW 310

RESULT 11
PCT-US94-02891-69
Sequence 69, Application PC/TUS9402891
GENERAL INFORMATION:
APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS
APPLICANT: REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN
APPLICANT: SERVICES
APPLICANT: OFFICE OF TECHNOLOGY TRANSFER, NATIONAL
APPLICANT: INSTITUTES OF HEALTH, BOX 077, BETHESDA, MARYLAND 20892 USA
TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT OF
TITLE OF INVENTION: XSCID
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN
STREET: 345 PARK AVE.
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORD PERFECT # 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/02891
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/031,143
FILING DATE: 12-MAR-1993
APPLICATION NUMBER: 08/121,435
FILING DATE: 14-SEPT-1993
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAM S. FEILER
REGISTRATION NUMBER: 26,728
REFERENCE/DOCKET NUMBER: 2026-4061
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-758-4800
TELEFAX: 212-751-6849
TELEX: 421792
INFORMATION FOR SEQ ID NO: 69:
SEQUENCE CHARACTERISTICS:
LENGTH: 369
TYPE: AMINO ACID
TOPOLOGY: UNKNOWN
MOLECULE TYPE: PROTEIN
DESCRIPTION: NO
HYPOTHETICAL: NO
ORGANISM: MURINE
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: IL-2R
PCT-US94-02891-69

Query Match 73.6%; Score 39; DB 5; Length 369;
Best Local Similarity 85.7%; Pred. No. 48;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 QGNFNAW 8
Db 304 QGNFSAW 310

RESULT 12
US-08-826-134-7
Sequence 7, Application US/08826134A

Patent No. 6465210
GENERAL INFORMATION:
APPLICANT: Peltier, Elior
TITLE OF INVENTION: CASPR/190, A FUNCTIONAL LIGAND FOR RPTP-BETA AND THE
FILE REFERENCE: 7683-111
CURRENT APPLICATION NUMBER: US/08/826,134A
CURRENT FILING DATE: 1997-03-26
EARLIER APPLICATION NUMBER: 60/014,199
EARLIER FILING DATE: 1996-03-27
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 7
LENGTH: 129
TYPE: PRT
ORGANISM: Homo sapiens
US-08-826-134-7

Query Match
Best Local Similarity 67.9%; Score 36; DB 4; Length 129;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2 KGNFNMW 8
DB 49 QGSFNSW 55

RESULT 13
US-09-893-737-60
Sequence 60, Application US/09893737
Patent No. 682082
GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
TITLE OF INVENTION: MAMMALIAN SECRETED PROTEINS
FILE REFERENCE: 00-41
CURRENT APPLICATION NUMBER: US/09/893,737
CURRENT FILING DATE: 2001-06-28
PRIOR APPLICATION NUMBER: US 60/215,446
PRIOR FILING DATE: 2000-06-30
NUMBER OF SEQ ID NOS: 329
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 6
LENGTH: 165
TYPE: PRT
ORGANISM: Homo sapiens
US-09-893-737-60

Query Match
Best Local Similarity 71.4%; Score 36; DB 4; Length 165;
Matches 5; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 3 GNFNMW 9
DB 49 GRFNAMI 55

RESULT 14
US-08-480-229C-21
Sequence 21, Application US/08480229C
Patent No. 5874562
GENERAL INFORMATION:
APPLICANT: Queternous, Thomas
APPLICANT: Hogan, Brigid
APPLICANT: Snodgrass, H. Ralph
APPLICANT: Zupancic, Thomas J.
TITLE OF INVENTION: DEVELOPMENTALLY-REGULATED ENDOTHELIAL
CELL LOCUS-1
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York

STATE: New York
COUNTRY: United States
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,229C
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Poissant, Brian M.
REGISTRATION NUMBER: 28,462
REFERENCE/DOCKET NUMBER: 8907-0026-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 869-8864/9741
TELEFAX: 66141 Pennie
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 321 amino acids
TYPE: amino acid
STRANDEDNESS: acid
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-480-229C-21

Query Match
Best Local Similarity 75.0%; Score 36; DB 2; Length 321;
Matches 6; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 KGNFNMW 8
DB 204 KGSKNAM 211

RESULT 15
US-08-659-235C-21
Sequence 21, Application US/08659235C
Patent No. 5877281
GENERAL INFORMATION:
APPLICANT: Queternous, Thomas
APPLICANT: Hogan, Brigid
APPLICANT: Snodgrass, H. Ralph
APPLICANT: Zupancic, Thomas J.
TITLE OF INVENTION: DEVELOPMENTALLY-REGULATED ENDOTHELIAL
CELL LOCUS-1
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/659,235C
FILING DATE: 05-JUN-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Poissant, Brian M.
REGISTRATION NUMBER: 28,462
REFERENCE/DOCKET NUMBER: 8907-0034-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741

TELEX: 66141 Pennie
 ; INFORMATION FOR SEQ ID NO: 21;
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 321 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS:
 ; TOPOLOGY: unknown
 ; MOLECULE TYPE: protein
 ; US-08-659-235C-21

Query Match 67.9%; Score 36; DB 2; Length 321;
 Best Local Similarity 75.0%; Pred. No. 1.4e+02;
 Matches 6; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 Qy 1 KQGNFNAM 8
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 Db 204 KQGNFNAM 211

Search completed: November 17, 2005, 20:42:15
 Job time : 21.1429 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 17, 2005, 20:38:09 ; Search time 72.8571 Seconds
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Title: US-09-744-804a-35
Perfect score: 53
Sequence: 1 KGNFNAMW 9

Scoring table: BLOSUM62
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Searched: 1867879 seqs, 418409474 residues

Total number of hits satisfying chosen parameters: 1867879

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Maximum Match 100%
Listing first 45 summaries

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Published Applications AA:*

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- 18: /cgn2_6/ptodata/1/pubppaa/US11_NEW_PUB.pep:*
- 19: /cgn2_6/ptodata/1/pubppaa/US11_PUBCOMB.pep:*
- 20: /cgn2_6/ptodata/1/pubppaa/US11_NEW_PUB.pep:*
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- 22: /cgn2_6/ptodata/1/pubppaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	53	100.0	217	US-10-038-252-3	Sequence 3, Appli
2	53	100.0	218	US-10-038-252-2	Sequence 2, Appli
3	53	100.0	320	US-10-485-360-24	Sequence 24, Appli
4	53	100.0	335	US-10-408-765A-1474	Sequence 1474, Ap
5	53	100.0	340	US-10-485-360-25	Sequence 25, Appli
6	53	100.0	343	US-10-190-593-2	Sequence 8, Appli
7	53	100.0	343	US-10-485-360-8	Sequence 3405, Ap
8	53	100.0	379	US-10-108-260A-3405	Sequence 4, Appli
9	53	100.0	387	US-10-190-593-4	Sequence 2, Appli
10	53	100.0	387	US-10-873-900-2	Sequence 7, Appli
11	53	100.0	395	US-10-485-360-7	

12	53	100.0	480	US-10-485-360-26	Sequence 26, Appli
13	53	100.0	498	US-10-485-360-27	Sequence 27, Appli
14	53	100.0	612	US-10-485-360-30	Sequence 30, Appli
15	42	79.2	664	US-10-156-761-12753	Sequence 12753, A
16	42	79.2	681	US-10-424-599-196668	Sequence 196668, A
17	39	73.6	363	US-09-376-430-3	Sequence 3, Appli
18	39	73.6	369	US-09-895-943-12	Sequence 12, Appli
19	39	73.6	369	US-09-895-593-12	Sequence 12, Appli
20	39	73.6	369	US-11-052-427-12	Sequence 12, Appli
21	39	73.6	369	US-11-052-527-12	Sequence 12, Appli
22	39	73.6	379	US-10-078-059-3	Sequence 3, Appli
23	39	73.6	379	US-10-899-107-3	Sequence 3, Appli
24	38	71.7	54	US-10-425-115-546172	Sequence 346172, A
25	38	71.7	403	US-10-767-701-37432	Sequence 37432, A
26	38	71.7	433	US-10-282-122A-54133	Sequence 54133, A
27	38	71.7	623	US-10-450-763-59909	Sequence 59909, A
28	38	71.7	727	US-10-425-115-347467	Sequence 347467, A
29	38	71.7	1087	US-10-450-763-55355	Sequence 55355, A
30	37	69.8	817	US-10-389-566-2368	Sequence 2368, Ap
31	36	67.9	51	US-09-864-761-46344	Sequence 46344, A
32	36	67.9	129	US-10-226-315-7	Sequence 7, Appli
33	36	67.9	165	US-09-893-737-60	Sequence 60, Appli
34	36	67.9	165	US-10-970-713-60	Sequence 60, Appli
35	36	67.9	175	US-10-424-599-191196	Sequence 191196, A
36	36	67.9	181	US-09-376-430-25	Sequence 25, Appli
37	36	67.9	181	US-10-078-059-25	Sequence 25, Appli
38	36	67.9	181	US-10-899-107-25	Sequence 25, Appli
39	36	67.9	189	US-10-243-552-484	Sequence 484, App
40	36	67.9	195	US-10-732-923-20399	Sequence 20399, A
41	36	67.9	201	US-10-437-963-184409	Sequence 184409, A
42	36	67.9	204	US-10-425-115-199034	Sequence 199034, A
43	36	67.9	349	US-10-425-114-64817	Sequence 64817, A
44	36	67.9	349	US-09-895-943-6	Sequence 6, Appli
45	36	67.9	349	US-09-895-593-6	

ALIGNMENTS

RESULT 1
US-10-038-252-3
; Sequence 3, Application US/10038252
; Publication No. US20040076629A1
; GENERAL INFORMATION:
APPLICANT: Ceriani, Roberto L.
; Peterson, Jerry A.
; Larocca, David J.
TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDALTON HMFG
; DIFFERENTIATION ANTIGEN BINDING
SPECIFICITY, COMPOSITION, KIT & METHODS
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSER: V. Amzel & Assoc.
STREET: P.O. Box 159
CITY: Gladwyne
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19035
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 3.5"
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
SOFTWARE: Patentln #1.0,
Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/038,252
FILING DATE: 02-Jan-2002
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: CRFC-047
TELECOMMUNICATION INFORMATION:

TELEPHONE: 610-649-0609
TELEFAX: 240-359-0299
TELEX: N.A.
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 217
TYPE: amino acid
STRANDEDNESS: <Unknown>
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: <Unknown>
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-10-038-252-3

Query Match 100.0%; Score 53; DB 15; Length 217;
Best Local Similarity 100.0%; Pred. No. 0.34;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KOGNFNAVY 9
Db 101 KOGNFNAVY 109

RESULT 2
US-10-038-252-2
Sequence 2, Application US/10038252
Publication No. US20040076629A1
GENERAL INFORMATION:
APPLICANT: Ceriani, Roberto L.
Larocca, David J.
TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDALTON HMG
DIFFERENTIATION ANTIGEN BINDING
SPECIFICITY, COMPOSITION, KIT & METHODS
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESS: V. Amzel & Assoc.
CITY: Gladwyne
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19035
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk 3.5"
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
SOFTWARE: Patentin #1.0,
Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/038,252
FILING DATE: 02-Jan-2002
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: CRFC-047
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-649-0609
TELEFAX: 240-359-0299
TELEX: N.A.
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: amino acid
STRANDEDNESS: <Unknown>
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: <Unknown>
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-038-252-2

Query Match 100.0%; Score 53; DB 15; Length 218;
Best Local Similarity 100.0%; Pred. No. 0.34;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 KOGNFNAVY 9
Db 102 KOGNFNAVY 110

RESULT 3
US-10-485-360-24
Sequence 24, Application US/10485360
Publication No. US20040197314A1
GENERAL INFORMATION:
APPLICANT: Delcayre, Alain
Applicant: Le Pecq, Jean-Bernard
TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
FILE REFERENCE: B009400
CURRENT APPLICATION NUMBER: US/10/485,360
CURRENT FILING DATE: 2004-01-30
NUMBER OF SEQ ID NOS: 30
SOFTWARE: Patentin version 3.1
SEQ ID NO: 24
LENGTH: 320
TYPE: prt
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: MSC FEATURE
OTHER INFORMATION: Human IL2-human Lactadherin C2 domain chimeric protein
US-10-485-360-24

Query Match 100.0%; Score 53; DB 16; Length 320;
Best Local Similarity 100.0%; Pred. No. 0.48;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KOGNFNAVY 9
Db 196 KOGNFNAVY 204

RESULT 4
US-10-408-765A-1474
Sequence 1474, Application US/10408765A
Publication No. US20040101874A1
GENERAL INFORMATION:
APPLICANT: Ghosh, Soumitra S.
Applicant: Fahy, Brian D.
Applicant: Zhang, Bing D.
Applicant: Gibson, Bradford W.
Applicant: Taylor, Steven W.
Applicant: Glenn, Gary M.
Applicant: Warnock, Dale E.
TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
IN THE MITOCHONDRIAL PROTEOME
FILE REFERENCE: 660088,465
CURRENT APPLICATION NUMBER: US/10/408,765A
CURRENT FILING DATE: 2003-04-04
NUMBER OF SEQ ID NOS: 3077
SOFTWARE: FaalSeq for Windows Version 4.0
SEQ ID NO: 1474
LENGTH: 335
TYPE: prt
ORGANISM: Homo sapiens
US-10-408-765A-1474

Query Match 100.0%; Score 53; DB 16; Length 335;
Best Local Similarity 100.0%; Pred. No. 0.5;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KOGNFNAVY 9
Db 271 KOGNFNAVY 279

RESULT 5

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US-10-485-360-25
; Sequence 25, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094WO
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 340
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MISC_FEATURE
; OTHER INFORMATION: Human IL2-human Lactadherin C2 domain chimeric protein
US-10-485-360-25

```

```

Query Match          100.0%; Score 53; DB 16; Length 340;
Best Local Similarity 100.0%; Pred. No. 0.51;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 KOGNFMNAV 9
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Db      216 KOGNFMNAV 224

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RESULT 6
US-10-190-593-2
; Sequence 2, Application US/10190593
; Publication No. US20030022221A1
; GENERAL INFORMATION:
; APPLICANT: LANGIT, Emanuel et al.
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
; FILE REFERENCE: C1001246
; CURRENT APPLICATION NUMBER: US/10/190,593
; CURRENT FILING DATE: 2002-07-09
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 343
; TYPE: PRT
; ORGANISM: Human
US-10-190-593-2

```

```

Query Match          100.0%; Score 53; DB 14; Length 343;
Best Local Similarity 100.0%; Pred. No. 0.52;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 KOGNFMNAV 9
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Db      227 KOGNFMNAV 235

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RESULT 7
US-10-485-360-8
; Sequence 8, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094WO
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8

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; LENGTH: 343
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-485-360-8

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Query Match          100.0%; Score 53; DB 16; Length 343;
Best Local Similarity 100.0%; Pred. No. 0.52;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 KOGNFMNAV 9
        |||||
Db      271 KOGNFMNAV 279

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RESULT 8
US-10-108-260A-3405
; Sequence 3405, Application US/10108260A
; Publication No. US20040005560A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20040005560A1el full length cDNA
; FILE REFERENCE: H1-A0106
; CURRENT APPLICATION NUMBER: US/10/108,260A
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 5458
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3405
; LENGTH: 379
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-108-260A-3405

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Query Match          100.0%; Score 53; DB 15; Length 379;
Best Local Similarity 100.0%; Pred. No. 0.57;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 KOGNFMNAV 9
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Db      263 KOGNFMNAV 271

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RESULT 9
US-10-190-593-4
; Sequence 4, Application US/10190593
; Publication No. US20030022221A1
; GENERAL INFORMATION:
; APPLICANT: LANGIT, Emanuel et al.
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
; FILE REFERENCE: C1001246
; CURRENT APPLICATION NUMBER: US/10/190,593
; CURRENT FILING DATE: 2002-07-09
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 387
; TYPE: PRT
; ORGANISM: Human
US-10-190-593-4

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Query Match          100.0%; Score 53; DB 14; Length 387;
Best Local Similarity 100.0%; Pred. No. 0.58;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      1 KOGNFMNAV 9
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Db      271 KOGNFMNAV 279

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```

RESULT 10
US-10-873-900-2
; Sequence 2, Application US/10873900

```

```
/ Publication No. US20040241179A1
/ GENERAL INFORMATION:
/ APPLICANT: Institute National De La Sante Et De La Recherche Medicale
/ APPLICANT: Raposo, Graca
/ APPLICANT: Amigorena, Sebastien
/ APPLICANT: Theiry, Clotilde
/ TITLE OF INVENTION: Compositions and Methods Using Lactadherin Or Variants Thereof
/ FILE REFERENCE: 70215.4003 KTM
/ CURRENT APPLICATION NUMBER: US/10/873,900
/ CURRENT FILING DATE: 2004-06-21
/ PRIOR APPLICATION NUMBER: US 09/582,340
/ NUMBER OF SEQ ID NOS: 6
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 2
/ LENGTH: 387
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-873-900-2
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Query Match          100.0%; Score 53; DB 16; Length 387;
Best Local Similarity 100.0%; Pred. No. 0.58;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy      1 KOGNFNAVY 9
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Db      271 KOGNFNAVY 279
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RESULT 11
/ US-10-485-360-7
/ Sequence 7, Application US/10485360
/ Publication No. US20040197314A1
/ GENERAL INFORMATION:
/ APPLICANT: Delcayre, Alain
/ APPLICANT: Le Pecq, Jean-Bernard
/ TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
/ FILE REFERENCE: B0094W0
/ CURRENT APPLICATION NUMBER: US/10/485,360
/ CURRENT FILING DATE: 2004-01-30
/ NUMBER OF SEQ ID NOS: 30
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 7
/ LENGTH: 395
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-485-360-7
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Query Match          100.0%; Score 53; DB 16; Length 395;
Best Local Similarity 100.0%; Pred. No. 0.59;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy      1 KOGNFNAVY 9
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Db      271 KOGNFNAVY 279
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RESULT 12
/ US-10-485-360-26
/ Sequence 26, Application US/10485360
/ Publication No. US20040197314A1
/ GENERAL INFORMATION:
/ APPLICANT: Delcayre, Alain
/ APPLICANT: Le Pecq, Jean-Bernard
/ TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
/ FILE REFERENCE: B0094W0
/ CURRENT APPLICATION NUMBER: US/10/485,360
/ CURRENT FILING DATE: 2004-01-30
/ NUMBER OF SEQ ID NOS: 30
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 26
/ LENGTH: 480
/ TYPE: PRT
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/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: MISC FEATURE
/ OTHER INFORMATION: Human IL2-human Lactadherin C1/C2 domain chimeric protein
US-10-485-360-26
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Query Match          100.0%; Score 53; DB 16; Length 480;
Best Local Similarity 100.0%; Pred. No. 0.7;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy      1 KOGNFNAVY 9
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Db      356 KOGNFNAVY 364
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RESULT 13
/ US-10-485-360-27
/ Sequence 27, Application US/10485360
/ Publication No. US20040197314A1
/ GENERAL INFORMATION:
/ APPLICANT: Delcayre, Alain
/ APPLICANT: Le Pecq, Jean-Bernard
/ TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
/ FILE REFERENCE: B0094W0
/ CURRENT APPLICATION NUMBER: US/10/485,360
/ CURRENT FILING DATE: 2004-01-30
/ NUMBER OF SEQ ID NOS: 30
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 27
/ LENGTH: 498
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: MISC FEATURE
/ OTHER INFORMATION: Human IL2-human Lactadherin C1/C2 domain chimeric protein
US-10-485-360-27
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Query Match          100.0%; Score 53; DB 16; Length 498;
Best Local Similarity 100.0%; Pred. No. 0.73;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy      1 KOGNFNAVY 9
        |||||
Db      374 KOGNFNAVY 382
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RESULT 14
/ US-10-485-360-30
/ Sequence 30, Application US/10485360
/ Publication No. US20040197314A1
/ GENERAL INFORMATION:
/ APPLICANT: Delcayre, Alain
/ APPLICANT: Le Pecq, Jean-Bernard
/ TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
/ FILE REFERENCE: B0094W0
/ CURRENT APPLICATION NUMBER: US/10/485,360
/ CURRENT FILING DATE: 2004-01-30
/ NUMBER OF SEQ ID NOS: 30
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 30
/ LENGTH: 612
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: MISC FEATURE
/ OTHER INFORMATION: Human Lactadherin-human CD40L chimeric protein
US-10-485-360-30
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Query Match          100.0%; Score 53; DB 16; Length 612;
Best Local Similarity 100.0%; Pred. No. 0.88;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy      1 KOGNFNAVY 9
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DB 271 KOGNFNNAV 279

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RESULT 15
US-10-156-761-12753
; Sequence 12753, Application US/10156761
; Publication No. US20030119018A1
; GENERAL INFORMATION:
; APPLICANT: OMURA, SATOSHI
; APPLICANT: IKEDA, HARUO
; APPLICANT: ISHIKAWA, JUN
; APPLICANT: HORIKAWA, HIROSHI
; APPLICANT: SHIBA, TADAYOSHI
; APPLICANT: SAKAKI, YOSHIYUKI
; APPLICANT: HATTORI, MASAHIRA
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
; FILE REFERENCE: 249-262
; CURRENT APPLICATION NUMBER: US/10/156,761
; CURRENT FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: JP 2001-204089
; PRIOR FILING DATE: 2001-05-30
; PRIOR APPLICATION NUMBER: JP 2001-272697
; PRIOR FILING DATE: 2001-08-02
; NUMBER OF SEQ ID NOS: 15109
; SEQ ID NO 12753
; LENGTH: 664
; TYPE: PRT
; ORGANISM: Streptomyces avermitilis
US-10-156-761-12753
    
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Query Match          79.2%; Score 42; DB 14; Length 664;
Best Local Similarity 66.7%; Pred. No. 75;
Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
QY      1 KOGNFNNAV 9
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Db      239 KHGNYNAML 247
    
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Search completed: November 17, 2005, 21:24:16
 Job time : 73.8571 secs

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OM protein - protein search, using sw model

Run on: November 17, 2005, 20:38:09 ; Search time 72.8571 Seconds
(without alignments)
51.686 Million cell updates/sec

Title: US-09-744-804a-36
Perfect score: 49
Sequence: 1 NLRRMWYT 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1867879 seqs, 418409474 residues

Total number of hits satisfying chosen parameters: 1867879

Minimum DB seq length: 0
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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13: /cgn2_6/ptodata/1/pubppaa/US10A_PUBCOMB.pep.*
14: /cgn2_6/ptodata/1/pubppaa/US10B_PUBCOMB.pep.*
15: /cgn2_6/ptodata/1/pubppaa/US10C_PUBCOMB.pep.*
16: /cgn2_6/ptodata/1/pubppaa/US10D_PUBCOMB.pep.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	49	100.0	318	US-10-485-360-22	Sequence 22, Appl
2	49	100.0	335	US-10-408-765A-1474	Sequence 1474, Ap
3	49	100.0	336	US-10-485-360-23	Sequence 23, Appl
4	49	100.0	343	US-10-190-593-2	Sequence 2, Appl
5	49	100.0	343	US-10-485-360-8	Sequence 8, Appl
6	49	100.0	379	US-10-108-260A-3405	Sequence 3405, Ap
7	49	100.0	387	US-10-190-593-4	Sequence 4, Appl
8	49	100.0	387	US-10-873-900-2	Sequence 2, Appl
9	49	100.0	395	US-10-485-360-7	Sequence 7, Appl
10	49	100.0	480	US-10-485-360-26	Sequence 26, Appl
11	49	100.0	498	US-10-485-360-27	Sequence 27, Appl

	49	100.0	612	16	US-10-485-360-30	Sequence 30, Appl
12	49	83.7	2412	16	US-10-408-765A-214	Sequence 214, App
13	38	77.6	53	11	US-09-864-408A-1242	Sequence 1242, Ap
14	38	77.6	176	16	US-10-767-701-59273	Sequence 59273, A
15	36	73.5	134	16	US-10-767-701-63040	Sequence 63040, A
16	36	73.5	156	15	US-10-424-599-197507	Sequence 197507, A
17	36	73.5	172	15	US-10-424-599-197505	Sequence 197505, A
18	35	71.4	90	16	US-10-437-963-113290	Sequence 113290, A
19	35	71.4	666	18	US-10-450-763-59135	Sequence 59135, A
20	34	69.4	30	14	US-10-105-232-414	Sequence 414, App
21	34	69.4	30	14	US-10-189-437-401	Sequence 401, App
22	34	69.4	30	14	US-10-860-050-414	Sequence 414, App
23	34	69.4	44	14	US-10-029-386-29126	Sequence 29126, A
24	34	69.4	44	14	US-10-029-386-29126	Sequence 29126, A
25	34	69.4	60	16	US-10-437-963-185954	Sequence 185954, A
26	34	69.4	64	16	US-10-767-701-51375	Sequence 51375, A
27	34	69.4	71	16	US-10-425-115-220976	Sequence 220976, A
28	34	69.4	71	16	US-10-425-115-220977	Sequence 220977, A
29	34	69.4	71	16	US-10-425-115-220979	Sequence 220979, A
30	34	69.4	71	16	US-10-425-115-220983	Sequence 220983, A
31	34	69.4	71	16	US-10-425-115-220984	Sequence 220984, A
32	34	69.4	87	15	US-10-424-599-219025	Sequence 219025, A
33	34	69.4	87	15	US-10-424-599-280881	Sequence 280881, A
34	34	69.4	173	16	US-10-767-701-55914	Sequence 55914, A
35	34	69.4	209	16	US-10-425-115-182511	Sequence 182511, A
36	34	69.4	247	16	US-10-437-963-115158	Sequence 115158, A
37	34	69.4	329	15	US-10-347-470A-12	Sequence 12, Appl
38	34	69.4	547	18	US-10-617-320-4585	Sequence 4585, Ap
39	34	69.4	622	16	US-10-437-963-199481	Sequence 199481, A
40	34	69.4	733	15	US-10-369-493-2875	Sequence 2875, Ap
41	34	69.4	750	9	US-09-815-242-11405	Sequence 13405, A
42	34	69.4	750	15	US-10-282-122A-73875	Sequence 73875, A
43	34	69.4	750	17	US-10-472-928-1370	Sequence 1370, Ap
44	34	69.4	798	18	US-10-450-763-199447	Sequence 199447, A
45	34	69.4	876	16	US-10-437-963-186182	Sequence 186182, A

ALIGNMENTS

RESULT 1
US-10-485-360-22
; Sequence 22, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094W0
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 22
; LENGTH: 318
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MISC_FEATURE
; OTHER INFORMATION: Human IL2-human Lactadherin C1 domain chimeric protein
US-10-485-360-22

Query Match 100.0%; Score 49; DB 16; Length 318;
Best Local Similarity 100.0%; Pred. No. 2.6; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 NLRRMWYT 9
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Db 216 NLRRMWYT 224

RESULT 2
US-10-408-765A-1474
; Sequence 1474, Application US/10408765A

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/ Publication No. US20040101874A1
/ GENERAL INFORMATION:
/ APPLICANT: Ghosh, Soumitra S.
/ APPLICANT: Fahy, Boin D.
/ APPLICANT: Zhang, Bing
/ APPLICANT: Gibson, Bradford W.
/ APPLICANT: Taylor, Steven W.
/ APPLICANT: Glenn, Gary M.
/ APPLICANT: Warnock, Dale E.
/ TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
/ FILE REFERENCE: 660088.465
/ CURRENT APPLICATION NUMBER: US/10/408,765A
/ CURRENT FILING DATE: 2003-04-04
/ NUMBER OF SEQ ID NOS: 3077
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO: 1474
/ LENGTH: 335
/ TYPE: prt
/ ORGANISM: Homo sapiens
US-10-408-765A-1474

Query Match
Best Local Similarity 100.0%; Score 49; DB 16; Length 335;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLLRRMMWT 9
DB 131 NLLRRMMWT 139

RESULT 3
US-10-485-360-23
/ Sequence 23, Application US/10485360
/ Publication No. US20040197314A1
/ GENERAL INFORMATION:
/ APPLICANT: Delcayre, Alain
/ APPLICANT: Le Pecq, Jean-Bernard
/ TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
/ FILE REFERENCE: B009400
/ CURRENT APPLICATION NUMBER: US/10/485,360
/ CURRENT FILING DATE: 2004-01-30
/ NUMBER OF SEQ ID NOS: 30
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO: 23
/ LENGTH: 336
/ TYPE: prt
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: MISC FEATURE
/ OTHER INFORMATION: Human IL2-human Lactadherin C1 domain chimeric protein
US-10-485-360-23

Query Match
Best Local Similarity 100.0%; Score 49; DB 16; Length 336;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLLRRMMWT 9
DB 234 NLLRRMMWT 242

RESULT 4
US-10-190-593-2
/ Sequence 2, Application US/10190593
/ Publication No. US20030022221A1
/ GENERAL INFORMATION:
/ APPLICANT: KANGIT, Emanuel et al.
/ TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
/ TITLE OF INVENTION: NOVEL ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
/ FILE REFERENCE: C0001246
/ CURRENT APPLICATION NUMBER: US/10/190,593
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/ CURRENT FILING DATE: 2002-07-09
/ NUMBER OF SEQ ID NOS: 4
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO: 2
/ LENGTH: 343
/ TYPE: prt
/ ORGANISM: Human
US-10-190-593-2

Query Match
Best Local Similarity 100.0%; Score 49; DB 14; Length 343;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLLRRMMWT 9
DB 87 NLLRRMMWT 95

RESULT 5
US-10-485-360-8
/ Sequence 8, Application US/10485360
/ Publication No. US20040197314A1
/ GENERAL INFORMATION:
/ APPLICANT: Delcayre, Alain
/ APPLICANT: Le Pecq, Jean-Bernard
/ TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
/ FILE REFERENCE: B009400
/ CURRENT APPLICATION NUMBER: US/10/485,360
/ CURRENT FILING DATE: 2004-01-30
/ NUMBER OF SEQ ID NOS: 30
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO: 8
/ LENGTH: 343
/ TYPE: prt
/ ORGANISM: Homo sapiens
US-10-485-360-8

Query Match
Best Local Similarity 100.0%; Score 49; DB 16; Length 343;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLLRRMMWT 9
DB 131 NLLRRMMWT 139

RESULT 6
US-10-108-260A-3405
/ Sequence 3405, Application US/10108260A
/ Publication No. US2004000560A1
/ GENERAL INFORMATION:
/ APPLICANT: HELIX RESEARCH INSTITUTE
/ TITLE OF INVENTION: NO. US2004000560A1 full length cDNA
/ FILE REFERENCE: H1-A1016
/ CURRENT APPLICATION NUMBER: US/10/108,260A
/ CURRENT FILING DATE: 2002-03-27
/ NUMBER OF SEQ ID NOS: 5456
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO: 3405
/ LENGTH: 379
/ TYPE: prt
/ ORGANISM: Homo sapiens
US-10-108-260A-3405

Query Match
Best Local Similarity 100.0%; Score 49; DB 15; Length 379;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLLRRMMWT 9
DB 123 NLLRRMMWT 131
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RESULT 7
US-10-190-593-4
; Sequence 4, Application US/10190593
; Publication No. US20030022221A1
; GENERAL INFORMATION:
; APPLICANT: LANGIT, Emanuel et al.
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
; FILE REFERENCE: CL001246
; CURRENT APPLICATION NUMBER: US/10/190,593
; CURRENT FILING DATE: 2002-07-09
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 387
; TYPE: PRT
; ORGANISM: Human
US-10-190-593-4

Query Match          100.0%; Score 49; DB 14; Length 387;
Best Local Similarity 100.0%; Pred. No. 3.1;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLRRMWVT 9
Db 131 NLRRMWVT 139

RESULT 8
US-10-873-900-2
; Sequence 2, Application US/10873900
; Publication No. US20040241179A1
; GENERAL INFORMATION:
; APPLICANT: Institute National De La Sante Et De La Recherche Medicale
; APPLICANT: Raposo, Graça
; APPLICANT: Amigorena, Sebastien
; APPLICANT: Theiry, Cloctilde
; TITLE OF INVENTION: Compositions and Methods Using Lactadherin Or Variants Thereof
; FILE REFERENCE: 70215.4003 KTM
; CURRENT APPLICATION NUMBER: US/10/873,900
; CURRENT FILING DATE: 2004-06-21
; PRIOR APPLICATION NUMBER: US 09/582,340
; PRIOR FILING DATE: 1999-11-23
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 387
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-873-900-2

Query Match          100.0%; Score 49; DB 16; Length 387;
Best Local Similarity 100.0%; Pred. No. 3.1;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLRRMWVT 9
Db 131 NLRRMWVT 139

RESULT 9
US-10-485-360-7
; Sequence 7, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094WO
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30

; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 395
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-485-360-7

Query Match          100.0%; Score 49; DB 16; Length 395;
Best Local Similarity 100.0%; Pred. No. 3.1;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLRRMWVT 9
Db 131 NLRRMWVT 139

RESULT 10
US-10-485-360-26
; Sequence 26, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094WO
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 480
; TYPE: PRT
; ORGANISM: Artificial Sequence
; NAME/KEY: MISC FEATURE
; OTHER INFORMATION: Human IL2-human Lactadherin C1/C2 domain chimeric protein
US-10-485-360-26

Query Match          100.0%; Score 49; DB 16; Length 480;
Best Local Similarity 100.0%; Pred. No. 3.7;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLRRMWVT 9
Db 216 NLRRMWVT 224

RESULT 11
US-10-485-360-27
; Sequence 27, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094WO
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 27
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Artificial Sequence
; NAME/KEY: MISC FEATURE
; OTHER INFORMATION: Human IL2-human Lactadherin C1/C2 domain chimeric protein
US-10-485-360-27

Query Match          100.0%; Score 49; DB 16; Length 498;
Best Local Similarity 100.0%; Pred. No. 3.8;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 NLLRRMWT 9
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Db 234 NLLRRMWT 242

RESULT 12
US-10-485-360-30
; Sequence 30, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Method and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094W0
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 30
; LENGTH: 612
; TYPE: prt
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MISC FEATURE
; OTHER INFORMATION: Human Lactadherin-human CD40L chimeric protein
US-10-485-360-30

Query Match Best Local Similarity 100.0%; Score 48; DB 16; Length 612;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLLRRMWT 9
|||
Db 131 NLLRRMWT 139

RESULT 13
US-10-408-765A-214
; Sequence 214, Application US/10408765A
; Publication No. US20040101874A1
; GENERAL INFORMATION:
; APPLICANT: Ghosh, Soumitra S.
; APPLICANT: Fahy, Bojin D.
; APPLICANT: Zhang, Bing
; APPLICANT: Gibson, Bradford W.
; APPLICANT: Taylor, Steven W.
; APPLICANT: Gleason, Gary M.
; APPLICANT: Warnock, Dale E.
; TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
; FILE REFERENCE: 660068,465
; CURRENT APPLICATION NUMBER: US/10/408,765A
; CURRENT FILING DATE: 2003-04-04
; NUMBER OF SEQ ID NOS: 3073
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 214
; LENGTH: 2412
; TYPE: prt
; ORGANISM: Homo sapiens
US-10-408-765A-214

Query Match Best Local Similarity 83.7%; Score 41; DB 16; Length 2412;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLLRRMWT 8
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Db 866 NLLRRMWT 873

RESULT 14
US-09-864-408A-1242
; Sequence 1242, Application US/09864408A

; Publication No. US20040009474A1
; GENERAL INFORMATION:
; APPLICANT: Leach, Martin D.
; APPLICANT: Shimkets, Richard A.
; TITLE OF INVENTION: No. US20040009474A1 Human Polynucleotides and Polypeptides Enc
; FILE REFERENCE: 21402-012
; CURRENT APPLICATION NUMBER: US/09/864,408A
; CURRENT FILING DATE: 2001-05-24
; PRIOR APPLICATION NUMBER: 60/206,690
; NUMBER OF SEQ ID NOS: 9068
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 1242
; LENGTH: 53
; TYPE: prt
; ORGANISM: Homo sapiens
US-09-864-408A-1242

Query Match Best Local Similarity 77.6%; Score 38; DB 11; Length 53;
Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 NLLRRMWT 9
|||
Db 12 NLLRRMWT 20

RESULT 15
US-10-767-701-59273
; Sequence 59273, Application US/10767701
; Publication No. US20040172684A1
; GENERAL INFORMATION:
; APPLICANT: Kovacic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with
; FILE REFERENCE: 38-215315,8
; CURRENT APPLICATION NUMBER: US/10/767,701
; CURRENT FILING DATE: 2004-01-25
; NUMBER OF SEQ ID NOS: 63128
; SEQ ID NO: 59273
; LENGTH: 176
; TYPE: prt
; ORGANISM: Sorghum bicolor
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(176)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE INFORMATION: unsure at all Xaa locations
; OTHER INFORMATION: Clone ID: 7218156.pdp
US-10-767-701-59273

Query Match Best Local Similarity 77.6%; Score 38; DB 16; Length 176;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLLRRMWT 7
|||
Db 19 NLLRRMWT 25

Search completed: November 17, 2005, 21:24:17
Job time: 73.8571 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 17, 2005, 20:09:43 ; Search time 20.1429 Seconds
(without alignments)
33.354 Million cell updates/sec

Title: US-09-744-804a-36

Perfect score: 49

Sequence: 1 NLRRMWY 9

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

1: Issued Patents AA:*
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7: /cgn2_6/prodata/1/1aa/6CTUS_COMB.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	49	100.0	160	2	US-08-162-402B-10
2	49	100.0	387	2	US-08-162-402B-6
3	49	100.0	465	2	US-08-162-402B-8
4	35	71.4	115	4	US-09-732-210-425
5	35	71.4	118	4	US-09-732-210-428
6	35	71.4	371	4	US-09-252-991A-22960
7	34	69.4	111	4	US-09-732-210-418
8	34	69.4	547	4	US-09-107-433-4585
9	34	69.4	733	4	US-09-583-110-2815
10	33	67.3	292	4	US-09-603-208A-126
11	33	67.3	567	4	US-09-252-991A-28481
12	32	65.3	22	3	US-08-940-095-163
13	32	65.3	22	3	US-08-940-093-163
14	32	65.3	22	3	US-08-940-096-163
15	32	65.3	22	3	US-09-465-719-163
16	32	65.3	22	3	US-09-453-605-163
17	32	65.3	22	3	US-09-453-838-163
18	32	65.3	22	4	US-08-940-136-163
19	32	65.3	22	4	US-09-453-841-163
20	32	65.3	22	4	US-09-453-833-163
21	32	65.3	22	4	US-09-453-826-163
22	32	65.3	22	4	US-09-453-840-163
23	32	65.3	22	4	US-09-865-989-163
24	32	65.3	22	4	US-09-453-834-163
25	32	65.3	61	4	US-09-621-976-5961
26	32	65.3	73	4	US-09-248-796A-26235
27	32	65.3	212	4	US-09-252-991A-29138

28	32	65.3	215	4	US-09-902-540-13887	Sequence 13887, A
29	32	65.3	219	4	US-09-270-767-34504	Sequence 34504, A
30	32	65.3	219	4	US-09-270-767-49721	Sequence 49721, A
31	32	65.3	223	4	US-09-270-767-57278	Sequence 57278, A
32	32	65.3	268	4	US-09-489-039A-11078	Sequence 11078, A
33	32	65.3	273	4	US-09-602-777A-434	Sequence 434, App
34	32	65.3	583	4	US-09-489-039A-7653	Sequence 7653, App
35	32	65.3	600	4	US-09-198-452A-397	Sequence 397, App
36	32	65.3	600	4	US-09-438-185A-383	Sequence 383, App
37	32	65.3	913	4	US-09-252-991A-29362	Sequence 29362, A
38	32	65.3	1147	1	US-08-131-365B-38	Sequence 38, Appl
39	32	65.3	1147	2	US-08-668-123-38	Sequence 38, Appl
40	32	65.3	1164	4	US-09-949-016-9845	Sequence 9845, App
41	32	65.3	1192	4	US-09-902-540-12662	Sequence 12662, A
42	31	63.3	55	4	US-09-621-976-7689	Sequence 7689, App
43	31	63.3	115	4	US-09-732-210-429	Sequence 429, App
44	31	63.3	117	4	US-09-732-210-697	Sequence 697, App
45	31	63.3	117	4	US-09-949-016-11114	Sequence 11114, A

ALIGNMENTS

RESULT 1
US-08-162-402B-10
; Sequence 10, Application US/08162402B
; Patent No. 5972337
; GENERAL INFORMATION:
; APPLICANT: CERIANI, ROBERTO L.
; APPLICANT: PETERSON, JERRY A.
; APPLICANT: LARROCCA, DAVID J.
; TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
; TITLE OF INVENTION: GLOBULE (HMFG) ANTIGEN, FRAGMENTS & FUSION PROTEIN
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder & Poplawski
; STREET: 444 South Flower St., 19th Floor
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/162,402B
; FILING DATE: 03-DEC-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel, Viviana
; REGISTRATION NUMBER: 30, 930
; REFERENCE/DOCKET NUMBER: P66 38215
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213-622-7700
; TELEFAX: 213-489-4210
; TELEX:
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 160 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; US-08-162-402B-10
Query Match 100.0%; Score 49; DB 2; Length 160;
Best Local Similarity 100.0%; Pred. No. 0.19;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLLRRMMVT 9
|||||
Db 63 NLLRRMMVT 71

RESULT 2
US-08-162-402B-6
Sequence 6, Application US/08162402B
Patent No. 5972337
GENERAL INFORMATION:
APPLICANT: CERIANI, ROBERTO L.
APPLICANT: PETERSON, JERRY A.
APPLICANT: LAROCCA, DAVID J.
TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
TITLE OF INVENTION: GLOBULE (HMF) ANTIGEN, FRAGMENTS & FUSION PROTEIN
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder & Poplawski
STREET: 444 South Flower St., 19th Floor
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/162,402B
FILING DATE: 03-DEC-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: P66 38215
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213-622-7700
TELEFAX: 213-489-4210
TELEX:
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 387 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: peptide
US-08-162-402B-6

Query Match 100.0%; Score 49; DB 2; Length 387;
Best Local Similarity 100.0%; Pred. No. 0.43;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLLRRMMVT 9
|||||
Db 131 NLLRRMMVT 139

RESULT 3
US-08-162-402B-8
Sequence 8, Application US/08162402B
Patent No. 5972337
GENERAL INFORMATION:
APPLICANT: CERIANI, ROBERTO L.
APPLICANT: PETERSON, JERRY A.
APPLICANT: LAROCCA, DAVID J.
TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
TITLE OF INVENTION: GLOBULE (HMF) ANTIGEN, FRAGMENTS & FUSION PROTEIN
NUMBER OF SEQUENCES: 29

CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder & Poplawski
STREET: 444 South Flower St., 19th Floor
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/162,402B
FILING DATE: 03-DEC-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: P66 38215
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213-622-7700
TELEFAX: 213-489-4210
TELEX:
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 465 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: peptide
US-08-162-402B-8

Query Match 100.0%; Score 49; DB 2; Length 465;
Best Local Similarity 100.0%; Pred. No. 0.52;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLLRRMMVT 9
|||||
Db 209 NLLRRMMVT 217

RESULT 4
US-09-732-210-425
Sequence 425, Application US/09732210
Patent No. 6573361
GENERAL INFORMATION:
APPLICANT: Bunkers, Greg J.
APPLICANT: Liang, Jihong
APPLICANT: Mitranck, Cindy A.
APPLICANT: Seale, Jeffrey W.
APPLICANT: Wu Yoonie S.
TITLE OF INVENTION: Anti-fungal Proteins and Methods for Their Use
FILE REFERENCE: 38-21(115036)B
CURRENT APPLICATION NUMBER: US/09/732,210
PRIOR FILING DATE: 2000-12-07
PRIOR APPLICATION NUMBER: US 60/169,513
PRIOR FILING DATE: 1999-12-07
PRIOR APPLICATION NUMBER: US 60/169,340
PRIOR FILING DATE: 1999-12-07
NUMBER OF SEQ ID NOS: 1753
SEQ ID NO 425
TYPE: PRT
LENGTH: 115
ORGANISM: Marchantia polymorpha
US-09-732-210-425

Query Match 71.4%; Score 35; DB 4; Length 115;
Best Local Similarity 71.4%; Pred. No. 40;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 3 LRRMWT 9
||||:|
Db 56 LRRLWMT 62

RESULT 5
US-09-732-210-428
; Sequence 428, Application US/09732210
; Patent No. 6573361
; GENERAL INFORMATION:
; APPLICANT: Bunkers, Greg J.
; APPLICANT: Liang, Jihong
; APPLICANT: Miltanck, Cindy A.
; APPLICANT: Seale, Jeffrey W.
; APPLICANT: Wu, Yonnie S.
; TITLE OF INVENTION: Anti-fungal Proteins and Methods for Their Use
; FILE REFERENCE: 38-21(15036)B
; CURRENT APPLICATION NUMBER: US/09/732,210
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: US 60/169,513
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: US 60/169,340
; PRIOR FILING DATE: 1999-12-07
; NUMBER OF SEQ ID NOS: 1753
; SEQ ID NO 428
; LENGTH: 118
; TYPE: PRT
; ORGANISM: pinus thunbergii
US-09-732-210-428

Query Match 71.4%; Score 35; DB 4; Length 118;
Best Local Similarity 71.4%; Pred. No. 41;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 3 LRRMWT 9
||||:|
Db 56 LRRLWMT 62

RESULT 6
US-09-252-991A-22960
; Sequence 22960, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 22960
; LENGTH: 371
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-22960

Query Match 71.4%; Score 35; DB 4; Length 371;
Best Local Similarity 85.7%; Pred. No. 1.2e+02;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 LRRMWT 8
|||||
Db 6 VLRRMWT 12

RESULT 7
US-09-732-210-418

; Sequence 418, Application US/09732210
; Patent No. 6573361
; GENERAL INFORMATION:
; APPLICANT: Bunkers, Greg J.
; APPLICANT: Liang, Jihong
; APPLICANT: Miltanck, Cindy A.
; APPLICANT: Seale, Jeffrey W.
; APPLICANT: Wu, Yonnie S.
; TITLE OF INVENTION: Anti-fungal Proteins and Methods for Their Use
; FILE REFERENCE: 38-21(15036)B
; CURRENT APPLICATION NUMBER: US/09/732,210
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: US 60/169,513
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: US 60/169,340
; PRIOR FILING DATE: 1999-12-07
; NUMBER OF SEQ ID NOS: 1753
; SEQ ID NO 418
; LENGTH: 111
; TYPE: PRT
; ORGANISM: Chlamydomonas reinhardtii
US-09-732-210-418

Query Match 69.4%; Score 34; DB 4; Length 111;
Best Local Similarity 83.3%; Pred. No. 57;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4 RRMWT 9
||||:|
Db 57 RRMWT 62

RESULT 8
US-09-107-433-4585
; Sequence 4585, Application US/09107433
; Patent No. 6800744
; GENERAL INFORMATION:
; APPLICANT: Lynn A Doucette-Stamm and David Bush
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID
; SEQUENCES RELATING TO STREPTOCOCCUS PNEUMONIAE
; THERAPEUTICS
; NUMBER OF SEQUENCES: 5206
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENOME THERAPEUTICS CORPORATION
; STREET: 100 Beaver Street
; CITY: Waltham
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02354
; COMPUTER READABLE FORM:
; MEDIUM TYPE: CD-ROM ISO9660
; COMPUTER: <Unknown>
; OPERATING SYSTEM: <Unknown>
; SOFTWARE: <Unknown>
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/107,433
; FILING DATE: 30-Jun-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/ 085131
; FILING DATE: May 12, 1998
; APPLICATION NUMBER: 60/051553
; FILING DATE: July 2, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Atinello, Pamela Deneke
; REGISTRATION NUMBER: 40,489
; REFERENCE/DOCKET NUMBER: GTC-011
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (781)893-5007
; TELEFAX: (781)893-8277
; INFORMATION FOR SEQ ID NO: 4585:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 547 amino acids
; TYPE: amino acid

TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: YES
ORIGINAL SOURCE:
ORGANISM: Streptococcus pneumoniae
FEATURE:
NAME/KEY: misc feature
LOCATION: (8) LOCATION 1..547
SEQUENCE DESCRIPTION: SEQ ID NO: 4585
US-09-107-433-4585

Query Match 69.4%; Score 34; DB 4; Length 547;
Best Local Similarity 55.6%; Pred. No. 2.6e+02;
Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 LLRRMWT 9
Db 109 SLQRFWIT 117

RESULT 9
US-09-583-110-2815
Sequence 2815, Application US/09583110
Patent No. 6699703
GENERAL INFORMATION:
APPLICANT: Lynn Doucette-Stamm et al.
TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
FILE REFERENCE: PATH00-07A
CURRENT APPLICATION NUMBER: US/09/583,110
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/107,433
PRIOR FILING DATE: 1998-06-30
PRIOR APPLICATION NUMBER: US 60/085,131
PRIOR FILING DATE: 1998-05-12
PRIOR APPLICATION NUMBER: US 60/051,553
PRIOR FILING DATE: 1997-07-02
NUMBER OF SEQ ID NOS: 5322
SEQ ID NO 2815
LENGTH: 732
TYPE: PRT
ORGANISM: Streptococcus pneumoniae
US-09-583-110-2815

Query Match 69.4%; Score 34; DB 4; Length 732;
Best Local Similarity 55.6%; Pred. No. 3.5e+02;
Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 LLRRMWT 9
Db 109 SLQRFWIT 117

RESULT 10
US-09-603-208A-126
Sequence 126, Application US/09603208A
Patent No. 6822084
GENERAL INFORMATION:
APPLICANT: Pompeju, Markus
APPLICANT: Krogger, Burkhard
APPLICANT: Schroder, Hartwig
APPLICANT: Zelder, Oskar
APPLICANT: Haberhauser, Gregor
APPLICANT: Lee, Heung-Shick
APPLICANT: Kim, Hyung-Joon
TITLE OF INVENTION: CORYNEBACTERIUM GLUTAMICUM GENES ENCODING STRESS,
FILE REFERENCE: BGI-124CP
CURRENT APPLICATION NUMBER: US/09/603,208A
PRIOR FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: 60/141031
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 60/142692

PRIOR FILING DATE: 1999-07-01
PRIOR APPLICATION NUMBER: 60/151214
PRIOR FILING DATE: 1998-08-27
PRIOR APPLICATION NUMBER: DE 19930429.7
PRIOR FILING DATE: 1998-07-08
PRIOR APPLICATION NUMBER: DE 19931413.6
PRIOR FILING DATE: 1998-07-08
PRIOR APPLICATION NUMBER: DE 19931457.8
PRIOR FILING DATE: 1998-07-08
PRIOR APPLICATION NUMBER: DE 19931541.8
PRIOR FILING DATE: 1998-07-08
PRIOR APPLICATION NUMBER: DE 19932209.0
PRIOR FILING DATE: 1998-07-08
PRIOR APPLICATION NUMBER: DE 19932230.9
PRIOR FILING DATE: 1998-07-08
PRIOR APPLICATION NUMBER: DE 19932914.1
PRIOR FILING DATE: 1998-07-08
PRIOR APPLICATION NUMBER: DE 19940764.9
PRIOR FILING DATE: 1999-08-27
PRIOR APPLICATION NUMBER: DE 19941382.7
PRIOR FILING DATE: 1999-08-31
NUMBER OF SEQ ID NOS: 306
SEQ ID NO 126
LENGTH: 293
TYPE: PRT
ORGANISM: Corynebacterium glutamicum
US-09-603-208A-126

Query Match 67.3%; Score 33; DB 4; Length 293;
Best Local Similarity 71.4%; Pred. No. 2.2e+02;
Matches 5; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 3 LLRRMWT 9
Db 131 LLRRMWT 137

RESULT 11
US-09-252-991A-28481
Sequence 28481, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
PRIOR FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 28481
LENGTH: 567
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-28481

Query Match 67.3%; Score 33; DB 4; Length 567;
Best Local Similarity 75.0%; Pred. No. 4.1e+02;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 2 LLRRMWT 9
Db 143 LLRRMWT 150

RESULT 12
US-08-940-095-163
Sequence 163, Application US/08940095
Patent No. 6004925
GENERAL INFORMATION:

APPLICANT: Daseux, Jean-Louis
APPLICANT: Sekul, Renate
APPLICANT: Buttner, Klaus
APPLICANT: Cornut, Isabelle
APPLICANT: Metz, Gunther
APPLICANT: Dufourcq, Jean
TITLE OF INVENTION: APOLIPOPROTEIN A-I AGONISTS
TITLE OF INVENTION: AND THEIR USE TO TREAT DYSLIPIDEMIC DISORDERS
NUMBER OF SEQUENCES: 258
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036-2811
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/940,095
FILING DATE: 29-SEP-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 009196-0004-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-493-4935
TELEFAX: 650-493-5556
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 163:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: No. 6004925e
US-08-940-095-163

Query Match 65.3%; Score 32; DB 3; Length 22;
Best Local Similarity 71.4%; Pred. No. 28;
Matches 5; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

OY 1 NLLRRMW 7
||| |:
Db 8 NLLRLRW 14

RESULT 13
US-08-940-093-163
; Sequence 163, Application US/08940093
; Patent No. 6037323
; GENERAL INFORMATION:
; APPLICANT: Daseux, Jean-Louis
; APPLICANT: Sekul, Renate
; APPLICANT: Buttner, Klaus
; APPLICANT: Cornut, Isabelle
; APPLICANT: Metz, Gunther
TITLE OF INVENTION: APOLIPOPROTEIN A-I AGONISTS
TITLE OF INVENTION: AND THEIR USE TO TREAT DYSLIPIDEMIC DISORDERS
NUMBER OF SEQUENCES: 258
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: NY
COUNTRY: USA

ZIP: 10036-2811
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/940,093
FILING DATE: 29-SEP-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 009196-0006-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-493-4935
TELEFAX: 650-493-5556
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 163:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: No. 6037323e
US-08-940-093-163

Query Match 65.3%; Score 32; DB 3; Length 22;
Best Local Similarity 71.4%; Pred. No. 28;
Matches 5; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

OY 1 NLLRRMW 7
||| |:
Db 8 NLLRLRW 14

RESULT 14
US-08-940-096-163
; Sequence 163, Application US/08940096
; Patent No. 6046166
; GENERAL INFORMATION:
; APPLICANT: Daseux, Jean-Louis
; APPLICANT: Sekul, Renate
; APPLICANT: Buttner, Klaus
; APPLICANT: Cornut, Isabelle
; APPLICANT: Metz, Gunther
TITLE OF INVENTION: APOLIPOPROTEIN A-I AGONISTS
TITLE OF INVENTION: AND THEIR USE TO TREAT DYSLIPIDEMIC DISORDERS
NUMBER OF SEQUENCES: 258
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036-2811
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/940,096
FILING DATE: 29-SEP-1997
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A

REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 009196-0005-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-493-4935
TELEFAX: 650-493-5556
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 163:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: No. 60461666
US-08-940-0936-163

Query Match 65.3%; Score 32; DB 3; Length 22;
Best Local Similarity 71.4%; Pred. No. 28;
Matches 5; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 NLLRRMW 7
Db 8 NLLRLRW 14

Query Match 65.3%; Score 32; DB 3; Length 22;
Best Local Similarity 71.4%; Pred. No. 28;
Matches 5; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
Qy 1 NLLRRMW 7
Db 8 NLLRLRW 14

Search completed: November 17, 2005, 20:42:16
Job time : 21.1429 secs

RESULT 15
US-09-465-719-163
Sequence 163 Application US/09465719
Patent No. 6265377
GENERAL INFORMATION:
APPLICANT: Deseux, Jean-Louis
APPLICANT: Sekul, Renate
APPLICANT: Buttner, Klaus
APPLICANT: Cornut, Isabelle
APPLICANT: Metz, Gunther
TITLE OF INVENTION: APOLIPOPROTEIN A-I AGONISTS
TITLE OF INVENTION: AND THEIR USE TO TREAT DYSLIPIDEMIC DISORDERS
NUMBER OF SEQUENCES: 258
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036-2811
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/465,719
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/940,093
FILING DATE: 29-SEP-1997
ATTORNEY/AGENT INFORMATION:
NAME: Cotuzzi, Laura A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 009196-0006-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-493-4935
TELEFAX: 650-493-5556
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 163:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: No. 6265377e
US-09-465-719-163

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OM protein - protein search, using sw model

Run on: November 17, 2005, 20:09:43 ; Search time 20.1429 Seconds
(without alignments)
33.354 Million cell updates/sec

Title: US-09-744-804A-37
Perfect score: 45
Sequence: 1 NLFEPILA 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents, AA:
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2: /cgn2_6/ptodata/1/1aa/5B.COMB.pep:*
3: /cgn2_6/ptodata/1/1aa/6A.COMB.pep:*
4: /cgn2_6/ptodata/1/1aa/6B.COMB.pep:*
5: /cgn2_6/ptodata/1/1aa/PTUS.COMB.pep:*
6: /cgn2_6/ptodata/1/1aa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	45	100.0	159	2	US-08-162-402B-12
2	45	100.0	217	1	US-07-607-538C-3
3	45	100.0	217	2	US-08-162-402B-3
4	45	100.0	217	4	US-09-364-185-3
5	45	100.0	218	1	US-07-607-538C-2
6	45	100.0	218	2	US-08-162-402B-2
7	45	100.0	218	4	US-09-364-185-2
8	45	100.0	387	2	US-08-162-402B-6
9	45	100.0	465	2	US-08-162-402B-8
10	37	82.2	160	2	US-08-162-402B-10
11	36	80.0	291	4	US-09-107-532A-499
12	34	75.6	98	4	US-09-270-767-35916
13	34	75.6	98	4	US-09-270-767-35916
14	34	75.6	196	4	US-09-520-781-8
15	34	75.6	318	4	US-09-270-767-45575
16	33	73.3	159	4	US-09-270-767-37121
17	33	73.3	159	4	US-09-270-767-52138
18	33	73.3	240	4	US-09-248-796A-18696
19	33	73.3	309	4	US-09-489-039A-7325
20	33	73.3	364	4	US-09-270-767-35509
21	33	73.3	364	4	US-09-270-767-50726
22	33	73.3	1466	4	US-09-824-574-2
23	32	71.1	14	2	US-08-162-402B-26
24	32	71.1	261	4	US-09-248-796A-15718
25	32	71.1	349	4	US-09-252-991A-31096
26	32	71.1	374	4	US-09-252-991A-24418
27	32	71.1	410	4	US-09-252-991A-32716

28	32	71.1	590	2	US-08-756-317-12	Sequence 12, Appl
29	32	71.1	2261	4	US-09-526-193A-1	Sequence 1, Appl
30	32	71.1	2261	4	US-09-032-438C-118	Sequence 118, App
31	32	71.1	2261	4	US-09-596-141C-2	Sequence 2, Appl
32	32	71.1	2261	4	US-09-596-141C-8	Sequence 8, Appl
33	32	71.1	2261	4	US-09-596-141C-10	Sequence 10, Appl
34	32	71.1	2261	4	US-09-595-526C-2	Sequence 2, Appl
35	32	71.1	2261	4	US-09-595-526C-8	Sequence 8, Appl
36	32	71.1	2261	4	US-09-595-526C-10	Sequence 10, Appl
37	32	71.1	2509	4	US-09-252-991A-16642	Sequence 16642, A
38	32	71.1	3672	2	US-08-822-445-12	Sequence 12, Appl
39	32	71.1	3672	3	US-09-396-540-12	Sequence 12, Appl
40	32	71.1	3801	2	US-08-822-445-10	Sequence 10, Appl
41	32	71.1	3801	3	US-09-396-540-10	Sequence 10, Appl
42	31	68.9	25	4	US-09-205-258-611	Sequence 611, App
43	31	68.9	85	2	US-08-480-229C-2	Sequence 2, Appl
44	31	68.9	85	2	US-08-659-235C-2	Sequence 2, Appl
45	31	68.9	98	4	US-09-205-258-291	Sequence 291, App

ALIGNMENTS

RESULT 1
US-08-162-402B-12
; Sequence 12, Application US/08162402B
; Patent No. 5972317
; GENERAL INFORMATION:
; APPLICANT: CERIANI, ROBERTO L.
; APPLICANT: PETERSON, JERRY A.
; APPLICANT: LARROCCA, DAVID J.
; TITLE OF INVENTION: 46 KDALIN HUMAN MILK FAT
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder & Poplawski
; STREET: 444 South Flower St., 19th Floor
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/162,402B
; FILING DATE: 03-DEC-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel, Viviana
; REGISTRATION NUMBER: 30,930
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213-622-7700
; TELEFAX: 213-489-4210
; TELEX:
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 159 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; US-08-162-402B-12
Query Match 100.0%; Score 45; DB 2; Length 159;
Best Local Similarity 100.0%; Pred. No. 0.093;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 NLFETPILA 9
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 Db 128 NLFETPILA 136

RESULT 2
 US-07-607-538C-3
 ; Sequence 3, Application US/07607538C
 ; Patent No. 5455031

GENERAL INFORMATION:
 APPLICANT: Ceriani Dr., Roberto L.
 APPLICANT: Peterson Dr., Jerry A.
 APPLICANT: Larocca, David J.
 TITLE OF INVENTION: POLYPEPTIDE WITH 46
 TITLE OF INVENTION: DIFFERENTIATION ANTIGEN BINDING SPECIFICITY AND CLOTTING
 TITLE OF INVENTION: FACTORS V AND VIII LIGHT-CHAIN HOMOLOGIES,
 TITLE OF INVENTION: FUSION PROTEIN, POLYNUCLEOTIDE AND POLYRIBO-
 TITLE OF INVENTION: NUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-
 TITLE OF INVENTION: POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF
 NUMBER OF SEQUENCES: 5
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: V. Amzel & Assoc.
 STREET: 2055 No. 5455031h Broadway
 CITY: Walnut Creek
 STATE: California
 COUNTRY: USA
 ZIP: 94596

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/607,538C
 FILING DATE: 01-NOV-1990
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Viviana Amzel
 REGISTRATION NUMBER: 30,930
 REFERENCE/DOCKET NUMBER: CRECC-004
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (510) 943-1931
 TELEFAX: (510) 943-1189
 TELEX: N.A.

INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 217 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FRAGMENT TYPE:

US-07-607-538C-3

Query Match 100.0%; Score 45; DB 1; Length 217;
 Best local similarity 100.0%; Pred. No. 0.13; Mismatches 0; Indels 0; Gaps 0;
 Matches 9; Conservative 0;

Qy 1 NLFETPILA 9
 |||||
 Db 186 NLFETPILA 194

RESULT 3
 US-08-162-402B-3
 ; Sequence 3, Application US/08162402B
 ; Patent No. 5972317

GENERAL INFORMATION:
 APPLICANT: Ceriani, Roberto L.
 APPLICANT: Peterson, Jerry A.
 APPLICANT: LARocca, David J.

TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
 ; TITLE OF INVENTION: GLOBULE (HMF) ANTIGEN, FRAGMENTS & FUSION PROTEIN
 ; NUMBER OF SEQUENCES: 29
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Pretty, Schroeder & Poplawski
 ; STREET: 444 South Flower St., 19th Floor
 ; CITY: Los Angeles
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 90071

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSeq for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/162,402B
 FILING DATE: 03-DEC-1993
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Amzel, Viviana
 REGISTRATION NUMBER: 30,930
 REFERENCE/DOCKET NUMBER: P66 38215
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 213-622-7700
 TELEFAX: 213-489-4210
 TELEX:

INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 217 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: peptide
 FRAGMENT TYPE:

Query Match 100.0%; Score 45; DB 2; Length 217;
 Best local similarity 100.0%; Pred. No. 0.13; Mismatches 0; Indels 0; Gaps 0;
 Matches 9; Conservative 0;

Qy 1 NLFETPILA 9
 |||||
 Db 186 NLFETPILA 194

RESULT 4
 US-09-364-185-3
 ; Sequence 3, Application US/09364185
 ; Patent No. 6596928

GENERAL INFORMATION:
 APPLICANT: Ceriani, Roberto L.
 APPLICANT: Peterson, Jerry A.
 APPLICANT: Larocca, David J.
 TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDALTON
 ; TITLE OF INVENTION: KIT & METHODS
 ; NUMBER OF SEQUENCES: 5
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Ratner & Preecia
 ; STREET: Suite 301
 ; CITY: Valley Forge
 ; STATE: Pennsylvania
 ; COUNTRY: USA
 ; ZIP: 19482

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk 3.5"
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
 SOFTWARE: PatentIn #1.0
 SOFTWARE: Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/364,185
FILING DATE: June 7, 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: CRFC-046
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 407-0700
TELEFAX: (610) 407-0701
TELEX: N.A.
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 217
TYPE: amino acid
STRANDEDNESS: linear
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE:
US-09-364-185-3

Query Match 100.0%; Score 45; DB 4; Length 217;
Best Local Similarity 100.0%; Pred. No. 0.13;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 NLEFPIILA 9
Db 186 NLEFPIILA 194

RESULT 5

US-07-607-538C-2

Sequence 2, Application US/07607538C

PATENT No. 5455031
GENERAL INFORMATION:
APPLICANT: Ceriani Dr., Roberto L.
APPLICANT: Peterson Dr., Jerry A.
APPLICANT: Larocca, David J.
TITLE OF INVENTION: POLYPEPTIDE WITH 46
TITLE OF INVENTION: DIFFERENTIATION ANTIGEN BINDING SPECIFICITY AND CLOTTING
TITLE OF INVENTION: FACTORS V AND VIII LIGHT-CHAIN HOMOLOGIES,
TITLE OF INVENTION: FUSION PROTEIN, POLYNUCLEOTIDE AND POLYRIBO-
TITLE OF INVENTION: NUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-
TITLE OF INVENTION: POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSER: V. Amzel & Assoc.
STREET: 2055 No. 5455031th Broadway
CITY: Walnut Creek
STATE: California
COUNTRY: USA
ZIP: 94596
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/607,538C
FILING DATE: 01-NOV-1990
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Viviana Amzel
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: CRFC-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 943-1931
TELEFAX: (510) 943-1189
TELEX: N.A.
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:

LENGTH: 218 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE:
US-07-607-538C-2

Query Match 100.0%; Score 45; DB 1; Length 218;
Best Local Similarity 100.0%; Pred. No. 0.14;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 NLEFPIILA 9
Db 187 NLEFPIILA 195

RESULT 6

US-08-162-402B-2

Sequence 2, Application US/08162402B

PATENT No. 5972337
GENERAL INFORMATION:
APPLICANT: CERIANI, ROBERTO L.
APPLICANT: PETERSON, JERRY A.
APPLICANT: LARROCCA, DAVID J.
TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
TITLE OF INVENTION: GLOBULE (HMF) ANTIGEN, FRAGMENTS & FUSION PROTEIN
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSER: Pretty, Schroeder & Poplawski
STREET: 444 South Flower St., 19th Floor
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/162,402B
FILING DATE: 03-DEC-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: P66 38215
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213-622-7700
TELEFAX: 213-489-4210
TELEX:

INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: peptide
US-08-162-402B-2

Query Match 100.0%; Score 45; DB 2; Length 218;
Best Local Similarity 100.0%; Pred. No. 0.14;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 NLEFPIILA 9
Db 187 NLEFPIILA 195

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RESULT 7
US-09-364-185-2
Sequence 2, Application US/09364185
Patent No. 6596928
GENERAL INFORMATION:
APPLICANT: Ceriani, Roberto L.
APPLICANT: Peterson, Jerry A.
TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDALTON
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESS: Ratner & Prestia
STREET: Suite 301
CITY: Valley Forge
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19482
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 3.5"
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
SOFTWARE: Patent #1.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/364,185
FILING DATE: June 7, 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: CRFC-046
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 407-0700
TELEFAX: (610) 407-0701
TELEX: N.A.
INFORMATION FOR SEQ. ID NO. 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: amino acid
STRANDEDNESS: acid
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE:
US-09-364-185-2

Query Match 100.0%; Score 45; DB 4; Length 218;
Best Local Similarity 100.0%; Pred. No. 0.14; 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0;

QY 1 NLFETPLA 9
DB 187 NLFETPLA 195

RESULT 8
US-08-162-402B-6
Sequence 6, Application US/08162402B
Patent No. 5972317
GENERAL INFORMATION:
APPLICANT: Ceriani, Roberto L.
APPLICANT: Peterson, Jerry A.
TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
TITLE OF INVENTION: GLOBULE (HMF) ANTIGEN, FRAGMENTS & FUSION PROTEIN
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESS: Pretty, Schroeder & Poplawski
STREET: 444 South Flower St., 19th Floor
CITY: Los Angeles
STATE: CA
COUNTRY: USA

```

```

ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/162,402B
FILING DATE: 03-DEC-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: P66 38215

US-08-162-402B-6

Query Match 100.0%; Score 45; DB 2; Length 387;
Best Local Similarity 100.0%; Pred. No. 0.27; 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0;

QY 1 NLFETPLA 9
DB 356 NLFETPLA 364

RESULT 9
US-08-162-402B-8
Sequence 8, Application US/08162402B
Patent No. 5972317
GENERAL INFORMATION:
APPLICANT: Ceriani, Roberto L.
APPLICANT: Peterson, Jerry A.
TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
TITLE OF INVENTION: GLOBULE (HMF) ANTIGEN, FRAGMENTS & FUSION PROTEIN
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESS: Pretty, Schroeder & Poplawski
STREET: 444 South Flower St., 19th Floor
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/162,402B
FILING DATE: 03-DEC-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: P66 38215

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TELECOMMUNICATION INFORMATION:
TELEPHONE: 213-622-7700
TELEFAX: 213-489-4210
TELEX:
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 465 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: peptide
US-08-162-402B-8

Query Match 100.0%; Score 45; DB 2; Length 465;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 NLFETPILA 9
Db 434 NLFETPILA 442

RESULT 10
US-08-162-402B-10
Sequence 10, Application US/08162402B
Patent No. 5972337
GENERAL INFORMATION:
APPLICANT: CERIANI, ROBERTO L.
APPLICANT: PETERSON, JERRY A.
APPLICANT: LAROCCA, DAVID J.
TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder & Poplawski
STREET: 444 South Flower St., 19th Floor
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/162,402B
FILING DATE: 03-DEC-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: P66 38215
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213-622-7700
TELEFAX: 213-489-4210
TELEX:
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 160 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: peptide
US-08-162-402B-10

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Best Local Similarity 77.8%; Pred. No. 4.3;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 NLFETPILA 9
Db 126 NLFETPIV 134

RESULT 11
US-09-107-532A-4799
Sequence 4799, Application US/09107532A
Patent No. 6583275
GENERAL INFORMATION:
APPLICANT: Lynn A Doucette-Stamm and David Bush
TITLE OF INVENTION: ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 7310
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENOME THERAPEUTICS CORPORATION
STREET: 100 Beaver Street
CITY: Waltham
STATE: Massachusetts
COUNTRY: USA
ZIP: 02354
COMPUTER READABLE FORM:
MEDIUM TYPE: CD-ROM ISO9660
COMPUTER: PC
OPERATING SYSTEM: <Unknown>
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/107,532A
FILING DATE: 30-Jun-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/085,598
FILING DATE: 14 May 1998
APPLICATION NUMBER: 60/051571
FILING DATE: July 2, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Arinieto, Pamela Deneke
REGISTRATION NUMBER: 40,489
REFERENCE/DOCKET NUMBER: GTC-012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (781)893-5007
TELEFAX: (781)893-8277
INFORMATION FOR SEQ ID NO: 4799:
SEQUENCE CHARACTERISTICS:
LENGTH: 291 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: YES
ORIGINAL SOURCE:
ORGANISM: Enterococcus faecium
FEATURE:
NAME/KEY: misc_feature
LOCATION: (B) LOCATION 1..291
SEQUENCE DESCRIPTION: SEQ ID NO: 4799:
US-09-107-532A-4799

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Best Local Similarity 85.7%; Pred. No. 14;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 NLFETPI 7
Db 235 NLFETPV 241

RESULT 12
US-09-270-767-35916
Sequence 35916, Application US/09270767
Patent No. 6703491
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094

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; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 35916
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-09-270-767-35916

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Best Local Similarity 75.0%; Pred. No. 10;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

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QY      1 NLFETPIL 8
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DB      37 NLFETPIL 44

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RESULT 13
US-09-270-767-51133
; Sequence 51133, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 51133
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-09-270-767-51133

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Query Match          75.6%; Score 34; DB 4; Length 98;
Best Local Similarity 75.0%; Pred. No. 10;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

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QY      1 NLFETPIL 8
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DB      37 NLFETPIL 44

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RESULT 14
US-09-520-781-8
; Sequence 8, Application US/09520781
; Patent No. 6689866
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES AND PROTEINS ENCODED THEREBY
; FILE REFERENCE: 15966-540 No. 6689866 Polynucleotides
; CURRENT APPLICATION NUMBER: US/09/520,781
; CURRENT FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: USSN 60/123,667
; PRIOR FILING DATE: 1999-03-09
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 8
; LENGTH: 196
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-520-781-8

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Query Match          75.6%; Score 34; DB 4; Length 196;
Best Local Similarity 75.0%; Pred. No. 23;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

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QY      1 NLFETPIL 8
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DB      51 NLFETPIL 58

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RESULT 15
US-09-270-767-45575
; Sequence 45575, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 45575
; LENGTH: 318
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
; FEATURE:
; OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-45575

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Query Match          75.6%; Score 34; DB 4; Length 318;
Best Local Similarity 75.0%; Pred. No. 40;
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

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QY      1 NLFETPIL 8
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DB      130 NLFETPIL 137

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Search completed: November 17, 2005, 20:42:17
 UDD time : 21.1429 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2005 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: November 17, 2005, 20:38:09 : Search time 72.8571 Seconds
(without alignments)
51.686 Million cell updates/sec

Title: US-09-744-804a-37
Perfect score: 45
Sequence: 1 NLFEPILA 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1867879 seqs, 418409474 residues

Total number of hits satisfying chosen parameters: 1867879

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-Processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

Published Applications AA:*

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- 3: /cgn2_6/ptodata/1/pubpaa/US05_NEW_PUB.pep.*
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- 17: /cgn2_6/ptodata/1/pubpaa/US10F_PUBCOMB.pep.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	45	100.0	218	US-10-038-252-2	Sequence 2, Appli
3	45	100.0	320	US-10-485-360-24	Sequence 24, Appli
4	45	100.0	335	US-10-408-765A-1474	Sequence 1474, Ap
5	45	100.0	340	US-10-485-360-25	Sequence 25, Appli
6	45	100.0	343	US-10-190-593-2	Sequence 2, Appli
7	45	100.0	343	US-10-485-360-8	Sequence 8, Appli
8	45	100.0	379	US-10-108-260A-3405	Sequence 3405, Ap
9	45	100.0	387	US-10-190-593-4	Sequence 4, Appli
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11	45	100.0	395	US-10-485-360-7	Sequence 7, Appli

12	45	100.0	480	16	US-10-485-360-26	Sequence 26, Appli
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15 <td>37<td>82.2<td>98<td>16<td>US-10-425-115-226849<td>Sequence 226849, A</td></td></td></td></td></td>	37 <td>82.2<td>98<td>16<td>US-10-425-115-226849<td>Sequence 226849, A</td></td></td></td></td>	82.2 <td>98<td>16<td>US-10-425-115-226849<td>Sequence 226849, A</td></td></td></td>	98 <td>16<td>US-10-425-115-226849<td>Sequence 226849, A</td></td></td>	16 <td>US-10-425-115-226849<td>Sequence 226849, A</td></td>	US-10-425-115-226849 <td>Sequence 226849, A</td>	Sequence 226849, A
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28 <td>34<td>75.6<td>308<td>15<td>US-10-369-493-15041<td>Sequence 15041, A</td></td></td></td></td></td>	34 <td>75.6<td>308<td>15<td>US-10-369-493-15041<td>Sequence 15041, A</td></td></td></td></td>	75.6 <td>308<td>15<td>US-10-369-493-15041<td>Sequence 15041, A</td></td></td></td>	308 <td>15<td>US-10-369-493-15041<td>Sequence 15041, A</td></td></td>	15 <td>US-10-369-493-15041<td>Sequence 15041, A</td></td>	US-10-369-493-15041 <td>Sequence 15041, A</td>	Sequence 15041, A
29 <td>34<td>75.6<td>309<td>15<td>US-10-369-493-11571<td>Sequence 11571, A</td></td></td></td></td></td>	34 <td>75.6<td>309<td>15<td>US-10-369-493-11571<td>Sequence 11571, A</td></td></td></td></td>	75.6 <td>309<td>15<td>US-10-369-493-11571<td>Sequence 11571, A</td></td></td></td>	309 <td>15<td>US-10-369-493-11571<td>Sequence 11571, A</td></td></td>	15 <td>US-10-369-493-11571<td>Sequence 11571, A</td></td>	US-10-369-493-11571 <td>Sequence 11571, A</td>	Sequence 11571, A
30 <td>34<td>75.6<td>310<td>15<td>US-10-369-493-14609<td>Sequence 14609, A</td></td></td></td></td></td>	34 <td>75.6<td>310<td>15<td>US-10-369-493-14609<td>Sequence 14609, A</td></td></td></td></td>	75.6 <td>310<td>15<td>US-10-369-493-14609<td>Sequence 14609, A</td></td></td></td>	310 <td>15<td>US-10-369-493-14609<td>Sequence 14609, A</td></td></td>	15 <td>US-10-369-493-14609<td>Sequence 14609, A</td></td>	US-10-369-493-14609 <td>Sequence 14609, A</td>	Sequence 14609, A
31 <td>34<td>75.6<td>496<td>16<td>US-10-425-115-243614<td>Sequence 243614, A</td></td></td></td></td></td>	34 <td>75.6<td>496<td>16<td>US-10-425-115-243614<td>Sequence 243614, A</td></td></td></td></td>	75.6 <td>496<td>16<td>US-10-425-115-243614<td>Sequence 243614, A</td></td></td></td>	496 <td>16<td>US-10-425-115-243614<td>Sequence 243614, A</td></td></td>	16 <td>US-10-425-115-243614<td>Sequence 243614, A</td></td>	US-10-425-115-243614 <td>Sequence 243614, A</td>	Sequence 243614, A
32 <td>34<td>75.6<td>582<td>14<td>US-10-156-761-11646<td>Sequence 11646, A</td></td></td></td></td></td>	34 <td>75.6<td>582<td>14<td>US-10-156-761-11646<td>Sequence 11646, A</td></td></td></td></td>	75.6 <td>582<td>14<td>US-10-156-761-11646<td>Sequence 11646, A</td></td></td></td>	582 <td>14<td>US-10-156-761-11646<td>Sequence 11646, A</td></td></td>	14 <td>US-10-156-761-11646<td>Sequence 11646, A</td></td>	US-10-156-761-11646 <td>Sequence 11646, A</td>	Sequence 11646, A
33 <td>34<td>75.6<td>1741<td>15<td>US-10-282-122A-50287<td>Sequence 50287, A</td></td></td></td></td></td>	34 <td>75.6<td>1741<td>15<td>US-10-282-122A-50287<td>Sequence 50287, A</td></td></td></td></td>	75.6 <td>1741<td>15<td>US-10-282-122A-50287<td>Sequence 50287, A</td></td></td></td>	1741 <td>15<td>US-10-282-122A-50287<td>Sequence 50287, A</td></td></td>	15 <td>US-10-282-122A-50287<td>Sequence 50287, A</td></td>	US-10-282-122A-50287 <td>Sequence 50287, A</td>	Sequence 50287, A
34 <td>33<td>73.3<td>65<td>16<td>US-10-425-115-320513<td>Sequence 320513, A</td></td></td></td></td></td>	33 <td>73.3<td>65<td>16<td>US-10-425-115-320513<td>Sequence 320513, A</td></td></td></td></td>	73.3 <td>65<td>16<td>US-10-425-115-320513<td>Sequence 320513, A</td></td></td></td>	65 <td>16<td>US-10-425-115-320513<td>Sequence 320513, A</td></td></td>	16 <td>US-10-425-115-320513<td>Sequence 320513, A</td></td>	US-10-425-115-320513 <td>Sequence 320513, A</td>	Sequence 320513, A
35 <td>33<td>73.3<td>79<td>16<td>US-10-425-115-253369<td>Sequence 253369, A</td></td></td></td></td></td>	33 <td>73.3<td>79<td>16<td>US-10-425-115-253369<td>Sequence 253369, A</td></td></td></td></td>	73.3 <td>79<td>16<td>US-10-425-115-253369<td>Sequence 253369, A</td></td></td></td>	79 <td>16<td>US-10-425-115-253369<td>Sequence 253369, A</td></td></td>	16 <td>US-10-425-115-253369<td>Sequence 253369, A</td></td>	US-10-425-115-253369 <td>Sequence 253369, A</td>	Sequence 253369, A
36 <td>33<td>73.3<td>117<td>16<td>US-10-425-115-204677<td>Sequence 204677, A</td></td></td></td></td></td>	33 <td>73.3<td>117<td>16<td>US-10-425-115-204677<td>Sequence 204677, A</td></td></td></td></td>	73.3 <td>117<td>16<td>US-10-425-115-204677<td>Sequence 204677, A</td></td></td></td>	117 <td>16<td>US-10-425-115-204677<td>Sequence 204677, A</td></td></td>	16 <td>US-10-425-115-204677<td>Sequence 204677, A</td></td>	US-10-425-115-204677 <td>Sequence 204677, A</td>	Sequence 204677, A
37 <td>33<td>73.3<td>928<td>15<td>US-10-424-599-258019<td>Sequence 258019, A</td></td></td></td></td></td>	33 <td>73.3<td>928<td>15<td>US-10-424-599-258019<td>Sequence 258019, A</td></td></td></td></td>	73.3 <td>928<td>15<td>US-10-424-599-258019<td>Sequence 258019, A</td></td></td></td>	928 <td>15<td>US-10-424-599-258019<td>Sequence 258019, A</td></td></td>	15 <td>US-10-424-599-258019<td>Sequence 258019, A</td></td>	US-10-424-599-258019 <td>Sequence 258019, A</td>	Sequence 258019, A
38 <td>33<td>73.3<td>928<td>15<td>US-10-425-114-57791<td>Sequence 57791, A</td></td></td></td></td></td>	33 <td>73.3<td>928<td>15<td>US-10-425-114-57791<td>Sequence 57791, A</td></td></td></td></td>	73.3 <td>928<td>15<td>US-10-425-114-57791<td>Sequence 57791, A</td></td></td></td>	928 <td>15<td>US-10-425-114-57791<td>Sequence 57791, A</td></td></td>	15 <td>US-10-425-114-57791<td>Sequence 57791, A</td></td>	US-10-425-114-57791 <td>Sequence 57791, A</td>	Sequence 57791, A
39 <td>33<td>73.3<td>1162<td>17<td>US-10-732-923-8891<td>Sequence 8891, Ap</td></td></td></td></td></td>	33 <td>73.3<td>1162<td>17<td>US-10-732-923-8891<td>Sequence 8891, Ap</td></td></td></td></td>	73.3 <td>1162<td>17<td>US-10-732-923-8891<td>Sequence 8891, Ap</td></td></td></td>	1162 <td>17<td>US-10-732-923-8891<td>Sequence 8891, Ap</td></td></td>	17 <td>US-10-732-923-8891<td>Sequence 8891, Ap</td></td>	US-10-732-923-8891 <td>Sequence 8891, Ap</td>	Sequence 8891, Ap
40 <td>33<td>73.3<td>1241<td>14<td>US-10-153-668-176<td>Sequence 176, App</td></td></td></td></td></td>	33 <td>73.3<td>1241<td>14<td>US-10-153-668-176<td>Sequence 176, App</td></td></td></td></td>	73.3 <td>1241<td>14<td>US-10-153-668-176<td>Sequence 176, App</td></td></td></td>	1241 <td>14<td>US-10-153-668-176<td>Sequence 176, App</td></td></td>	14 <td>US-10-153-668-176<td>Sequence 176, App</td></td>	US-10-153-668-176 <td>Sequence 176, App</td>	Sequence 176, App
41 <td>33<td>73.3<td>1245<td>14<td>US-10-153-668-466<td>Sequence 466, App</td></td></td></td></td></td>	33 <td>73.3<td>1245<td>14<td>US-10-153-668-466<td>Sequence 466, App</td></td></td></td></td>	73.3 <td>1245<td>14<td>US-10-153-668-466<td>Sequence 466, App</td></td></td></td>	1245 <td>14<td>US-10-153-668-466<td>Sequence 466, App</td></td></td>	14 <td>US-10-153-668-466<td>Sequence 466, App</td></td>	US-10-153-668-466 <td>Sequence 466, App</td>	Sequence 466, App
42 <td>33<td>73.3<td>1359<td>17<td>US-10-732-923-8889<td>Sequence 8889, Ap</td></td></td></td></td></td>	33 <td>73.3<td>1359<td>17<td>US-10-732-923-8889<td>Sequence 8889, Ap</td></td></td></td></td>	73.3 <td>1359<td>17<td>US-10-732-923-8889<td>Sequence 8889, Ap</td></td></td></td>	1359 <td>17<td>US-10-732-923-8889<td>Sequence 8889, Ap</td></td></td>	17 <td>US-10-732-923-8889<td>Sequence 8889, Ap</td></td>	US-10-732-923-8889 <td>Sequence 8889, Ap</td>	Sequence 8889, Ap
43 <td>33<td>73.3<td>1385<td>17<td>US-10-732-923-8879<td>Sequence 8879, Ap</td></td></td></td></td></td>	33 <td>73.3<td>1385<td>17<td>US-10-732-923-8879<td>Sequence 8879, Ap</td></td></td></td></td>	73.3 <td>1385<td>17<td>US-10-732-923-8879<td>Sequence 8879, Ap</td></td></td></td>	1385 <td>17<td>US-10-732-923-8879<td>Sequence 8879, Ap</td></td></td>	17 <td>US-10-732-923-8879<td>Sequence 8879, Ap</td></td>	US-10-732-923-8879 <td>Sequence 8879, Ap</td>	Sequence 8879, Ap
44 <td>33<td>73.3<td>1466<td>10<td>US-09-824-574-2<td>Sequence 2, Appli</td></td></td></td></td></td>	33 <td>73.3<td>1466<td>10<td>US-09-824-574-2<td>Sequence 2, Appli</td></td></td></td></td>	73.3 <td>1466<td>10<td>US-09-824-574-2<td>Sequence 2, Appli</td></td></td></td>	1466 <td>10<td>US-09-824-574-2<td>Sequence 2, Appli</td></td></td>	10 <td>US-09-824-574-2<td>Sequence 2, Appli</td></td>	US-09-824-574-2 <td>Sequence 2, Appli</td>	Sequence 2, Appli
45 <td>33<td>73.3<td>1466<td>17<td>US-10-732-923-8138<td>Sequence 8138, Ap</td></td></td></td></td></td>	33 <td>73.3<td>1466<td>17<td>US-10-732-923-8138<td>Sequence 8138, Ap</td></td></td></td></td>	73.3 <td>1466<td>17<td>US-10-732-923-8138<td>Sequence 8138, Ap</td></td></td></td>	1466 <td>17<td>US-10-732-923-8138<td>Sequence 8138, Ap</td></td></td>	17 <td>US-10-732-923-8138<td>Sequence 8138, Ap</td></td>	US-10-732-923-8138 <td>Sequence 8138, Ap</td>	Sequence 8138, Ap

ALIGNMENTS

RESULT 1
US-10-038-252-3
: Sequence 3, Application US/10038252
: Publication No. US20040076629A1
: GENERAL INFORMATION:
: APPLICANT: Ceriani, Roberto L.
: Peterson, Jerry A.
: Latocca, David J.
: TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDALTON HMFG
: DIFFERENTIATION ANTIGEN BINDING
: SPECIFICITY, COMPOSITION, KIT & METHODS
: NUMBER OF SEQUENCES: 5
: CORRESPONDENCE ADDRESSES:
: ADDRESSER: V. Amzel & Assoc.
: STREET: P.O.Box 159
: CITY: Gladwyne
: STATE: Pennsylvania
: COUNTRY: USA
: ZIP: 19035
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk 3.5"
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
: SOFTWARE: Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/10/038,252
: FILING DATE: 02-Jan-2002
: CLASSIFICATION: <Unknown>
: ATTORNEY/AGENT INFORMATION:
: NAME: Amzel, Viviana
: REGISTRATION NUMBER: 30,930
: REFERENCE/DOCKET NUMBER: CRC-047
: TELECOMMUNICATION INFORMATION:

TELEPHONE: 610-649-0609
TELEX: 240-359-0299
TELEX: N.A.
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 217
TYPE: amino acid
STRANDEDNESS: <Unknown>
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: <Unknown>
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-10-038-252-3

Query Match 100.0%; Score 45; DB 15; Length 217;
Best Local Similarity 100.0%; Pred. No. 0.64; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 NLFETPILA 9
Db 106 NLFETPILA 194

RESULT 2
US-10-038-252-2
Sequence 2, Application US/10038252
Publication No. US20040076629A1
GENERAL INFORMATION:
APPLICANT: Ceriani, Roberto L.
Larocca, David J.
TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDALTON HMFG
DIFFERENTIATION ANTIGEN BINDING
SPECIFICITY, COMPOSITION, KIT & METHODS
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSER: V. Amzel & Assoc.
STREET: P.O. Box 159
CITY: Gladwyne
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19035
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk 3.5"
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
SOFTWARE: PatentIn #1.25,
VERBEN #1.25
CURRENT APPLICATION DATA: US/10/038,252
APPLICATION NUMBER: US/10/038,252
FILING DATE: 02-Jan-2002
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Amzel Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: CRFC-047
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-649-0609
TELEFAX: 240-359-0299
TELEX: N.A.
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: amino acid
STRANDEDNESS: <Unknown>
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: <Unknown>
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-038-252-2

Query Match 100.0%; Score 45; DB 15; Length 218;
Best Local Similarity 100.0%; Pred. No. 0.65;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 NLFETPILA 9
Db 187 NLFETPILA 195

RESULT 3
US-10-485-360-24
Sequence 24, Application US/10485360
Publication No. US20040197314A1
GENERAL INFORMATION:
APPLICANT: Delcayre, Alain
APPLICANT: Le Pecq, Jean-Bernard
TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
FILE REFERENCE: B009490
CURRENT APPLICATION NUMBER: US/10/485,360
CURRENT FILING DATE: 2004-01-30
NUMBER OF SEQ ID NOS: 30
SOFTWARE: PatentIn version 3.1
SEQ ID NO: 24
LENGTH: 320
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: MISC FEATURE
OTHER INFORMATION: Human IL2-human Lactadherin C2 domain chimeric protein
US-10-485-360-24

Query Match 100.0%; Score 45; DB 16; Length 320;
Best Local Similarity 100.0%; Pred. No. 0.99; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 NLFETPILA 9
Db 281 NLFETPILA 289

RESULT 4
US-10-408-765A-1474
Sequence 1474, Application US/10408765A
Publication No. US20040101874A1
GENERAL INFORMATION:
APPLICANT: Ghosh, Soumitra S.
APPLICANT: Fathy, Eoin D.
APPLICANT: Zhang, Bing D.
APPLICANT: Gibson, Bradford W.
APPLICANT: Taylor, Steven W.
APPLICANT: Gaynor, Gary W.
APPLICANT: Marton, David E.
TITLE OF INVENTION: METHODS FOR THERAPEUTIC INTERVENTION
IN THE MITOCHONDRIAL PROTEOME
FILE REFERENCE: 660088465
CURRENT APPLICATION NUMBER: US/10/408,765A
CURRENT FILING DATE: 2002-04-04
NUMBER OF SEQ ID NOS: 207
SOFTWARE: fastSeq for Windows Version 4.0
SEQ ID NO: 1474
LENGTH: 335
TYPE: PRT
ORGANISM: Homo sapiens
US-10-408-765A-1474

Query Match 100.0%; Score 45; DB 16; Length 335;
Best Local Similarity 100.0%; Pred. No. 1; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 NLFETPILA 9
Db 304 NLFETPILA 312

RESULT 5


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US-10-485-360-25
; Sequence 25, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094W0
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 340
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MISC FEATURE
; OTHER INFORMATION: Human IL2-human Lactadherin C2 domain chimeric protein
US-10-485-360-25

Query Match          100.0%; Score 45; DB 16; Length 340;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLFETPIILA 9
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Db 301 NLFETPIILA 309

RESULT 6
US-10-190-593-2
; Sequence 2, Application US/10190593
; Publication No. US20030022221A1
; GENERAL INFORMATION:
; APPLICANT: LANGIT, Emanuel et al.
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
; FILE REFERENCE: CL001246
; CURRENT APPLICATION NUMBER: US/10/190,593
; CURRENT FILING DATE: 2002-07-09
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 343
; TYPE: PRT
; ORGANISM: Human
US-10-190-593-2

Query Match          100.0%; Score 45; DB 14; Length 343;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLFETPIILA 9
   |||||
Db 312 NLFETPIILA 320

RESULT 7
US-10-485-360-8
; Sequence 8, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094W0
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
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; LENGTH: 343
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-485-360-8

Query Match          100.0%; Score 45; DB 16; Length 343;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLFETPIILA 9
   |||||
Db 304 NLFETPIILA 312

RESULT 8
US-10-108-260A-3405
; Sequence 3405, Application US/10108260A
; Publication No. US20040005560A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20040005560A1el full length cDNA
; FILE REFERENCE: H1-A0106
; CURRENT APPLICATION NUMBER: US/10/108,260A
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 5458
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3405
; LENGTH: 379
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-108-260A-3405

Query Match          100.0%; Score 45; DB 15; Length 379;
Best Local Similarity 100.0%; Pred. No. 1.2;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLFETPIILA 9
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Db 348 NLFETPIILA 356

RESULT 9
US-10-190-593-4
; Sequence 4, Application US/10190593
; Publication No. US20030022221A1
; GENERAL INFORMATION:
; APPLICANT: LANGIT, Emanuel et al.
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
; FILE REFERENCE: CL001246
; CURRENT APPLICATION NUMBER: US/10/190,593
; CURRENT FILING DATE: 2002-07-09
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 387
; TYPE: PRT
; ORGANISM: Human
US-10-190-593-4

Query Match          100.0%; Score 45; DB 14; Length 387;
Best Local Similarity 100.0%; Pred. No. 1.2;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLFETPIILA 9
   |||||
Db 356 NLFETPIILA 364

RESULT 10
US-10-873-900-2
; Sequence 2, Application US/10873900
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; Publication No. US20040241179A1
; GENERAL INFORMATION:
; APPLICANT: Institut National De La Sante Et De La Recherche Medicale
; APPLICANT: Raposo, Graca
; APPLICANT: Amigorena, Sebastian
; APPLICANT: Theiry, Clotilde
; TITLE OF INVENTION: Compositions and Methods Using Lactadherin Or Variants Thereof
; FILE REFERENCE: 70215.4003 KTM
; CURRENT APPLICATION NUMBER: US/10/873,960
; CURRENT FILING DATE: 2004-06-21
; PRIOR APPLICATION NUMBER: US 09/582,340
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 387
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-873-900-2
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Query Match          100.0%; Score 45; DB 16; Length 387;
Best Local Similarity 100.0%; Pred. No. 1.2;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 NLFETPIIA 9
        |||||
Db      356 NLFETPIIA 364
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RESULT 11
US-10-485-360-7
; Sequence 27, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Delcayre, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B009440
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 395
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-485-360-7
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Query Match          100.0%; Score 45; DB 16; Length 395;
Best Local Similarity 100.0%; Pred. No. 1.2;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 NLFETPIIA 9
        |||||
Db      356 NLFETPIIA 364
```

```
RESULT 12
US-10-485-360-26
; Sequence 26, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B009440
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 480
; TYPE: PRT
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; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MISC FEATURE
; OTHER INFORMATION: Human IL2-human Lactadherin C1/C2 domain chimeric protein
US-10-485-360-26
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Query Match          100.0%; Score 45; DB 16; Length 480;
Best Local Similarity 100.0%; Pred. No. 1.5;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 NLFETPIIA 9
        |||||
Db      441 NLFETPIIA 449
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RESULT 13
US-10-485-360-27
; Sequence 27, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Delcayre, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B009440
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 27
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MISC FEATURE
; OTHER INFORMATION: Human IL2-human Lactadherin C1/C2 domain chimeric protein
US-10-485-360-27
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Query Match          100.0%; Score 45; DB 16; Length 498;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 NLFETPIIA 9
        |||||
Db      459 NLFETPIIA 467
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```
RESULT 14
US-10-485-360-30
; Sequence 30, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B009440
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 30
; LENGTH: 612
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MISC FEATURE
; OTHER INFORMATION: Human Lactadherin-human CD40L chimeric protein
US-10-485-360-30
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```
Query Match          100.0%; Score 45; DB 16; Length 612;
Best Local Similarity 100.0%; Pred. No. 2;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY      1 NLFETPIIA 9
```

Db 356 NLFETPILA 364

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RESULT 15
US-10-425-115-226849
; Sequence 226849, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53222)B
; CURRENT APPLICATION NUMBER: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 369326
; SEQ ID NO 226849
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: MRT4577_138472C.1.pep
US-10-425-115-226849
    
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Query Match      82.2%; Score 37; DB 16; Length 98;
Best Local Similarity 77.8%; Pred. No. 12;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 1 NLFETPILA 9
Db 32 NLFETPVEA 40
    
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Search completed: November 17, 2005, 21:24:18
 Job time : 73.8571 secs

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GenCore version 5.1.6
Copyright (c) 1993 - 2005 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: November 17, 2005, 20:09:43 ; Search time 20.1429 Seconds
(without alignments)
33.354 Million cell updates/sec

Title: US-09-744-804A-38
Perfect score: 46
Sequence: 1 NLFETPVEA 9

Scoring table: BLOSUM62
Gapop 10.0 ; Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:*

- 1: /cgn2_6/ptodata/1/1aa/5A_COMB.pep:*
- 2: /cgn2_6/ptodata/1/1aa/5B_COMB.pep:*
- 3: /cgn2_6/ptodata/1/1aa/6A_COMB.pep:*
- 4: /cgn2_6/ptodata/1/1aa/6B_COMB.pep:*
- 5: /cgn2_6/ptodata/1/1aa/CTUS_COMB.pep:*
- 6: /cgn2_6/ptodata/1/1aa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	46	100.0	160	2	US-08-162-402B-10
2	46	100.0	217	1	US-07-607-538C-3
3	46	100.0	217	2	US-08-162-402B-3
4	46	100.0	217	4	US-09-364-185-3
5	46	100.0	218	1	US-07-607-538C-2
6	46	100.0	218	2	US-08-162-402B-2
7	46	100.0	218	4	US-09-364-185-2
8	46	100.0	387	2	US-08-162-402B-6
9	46	100.0	465	2	US-08-162-402B-8
10	38	82.6	2261	4	US-09-526-193A-1
11	38	82.6	2261	4	US-09-032-438C-118
12	38	82.6	2261	4	US-09-596-141C-2
13	38	82.6	2261	4	US-09-596-141C-8
14	38	82.6	2261	4	US-09-596-141C-10
15	38	82.6	2261	4	US-09-595-526C-2
16	38	82.6	2261	4	US-09-595-526C-8
17	38	82.6	2261	4	US-09-595-526C-10
18	37	80.4	159	2	US-08-162-402B-12
19	37	80.4	291	4	US-09-107-532A-4799
20	36	78.3	14	2	US-08-162-402B-26
21	34	73.9	429	4	US-09-328-352-7341
22	33	71.7	240	4	US-09-248-796A-18696
23	33	71.7	364	4	US-09-270-767-35509
24	33	71.7	364	4	US-09-270-767-50726
25	33	71.7	737	4	US-09-602-787A-182
26	32	69.6	306	3	US-08-584-008A-8
27	32	69.6	469	4	US-09-248-796A-16314

28	32	69.6	1363	4	US-09-375-248-19	Sequence 19, Appl
29	31	67.4	62	4	US-09-733-210-1540	Sequence 1540, Ap
30	31	67.4	108	3	US-09-187-859-40	Sequence 40, Appl
31	31	67.4	108	4	US-09-839-542B-40	Sequence 40, Appl
32	31	67.4	108	4	US-09-535-852-40	Sequence 40, Appl
33	31	67.4	162	3	US-08-936-165A-344	Sequence 344, App
34	31	67.4	217	3	US-08-971-158-1	Sequence 1, Appl1
35	31	67.4	217	3	US-08-971-158-3	Sequence 3, Appl1
36	31	67.4	217	4	US-09-416-488-1	Sequence 1, Appl1
37	31	67.4	217	4	US-09-416-488-3	Sequence 3, Appl1
38	31	67.4	225	4	US-09-270-767-31172	Sequence 31172, A
39	31	67.4	225	4	US-09-270-767-52389	Sequence 52389, A
40	31	67.4	251	4	US-09-107-433-4409	Sequence 4409, Ap
41	31	67.4	332	4	US-09-583-110-4063	Sequence 4063, Ap
42	31	67.4	347	4	US-09-248-796A-24285	Sequence 24285, A
43	31	67.4	399	4	US-09-252-991A-28212	Sequence 28212, Ap
44	31	67.4	419	4	US-09-583-110-2752	Sequence 2752, Ap
45	31	67.4	425	4	US-09-107-433-3776	Sequence 3776, Ap

ALIGNMENTS

RESULT 1
US-08-162-402B-10
; Sequence 10, Application US/08162402B
; Patent No. 5972317
; GENERAL INFORMATION:
; APPLICANT: CERIANI, ROBERTO L.
; APPLICANT: PETERSON, JERRY A.
; APPLICANT: LARROCCA, DAVID J.
; TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
; TITLE OF INVENTION: GLOBULE (HMF) ANTIGEN, FRAGMENTS & FUSION PROTEIN
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder & Poplawski
; STREET: 444 South Flower St., 19th floor
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/162,402B
; FILING DATE: 03-DEC-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel, Viviana
; REGISTRATION NUMBER: 30,930
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213-622-7700
; TELEFAX: 213-489-4210
; TELEX:
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 160 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; US-08-162-402B-10
Query Match 100.0%; Score 46; DB 2; Length 160;
Best Local Similarity 100.0%; Pred. NO. 0.09;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLFETPEVA 9
DB 126 NLFETPEVA 134

RESULT 2
US-07-607-538C-3

Sequence 3, Application US/07607538C
Patent No. 5455031
GENERAL INFORMATION:
APPLICANT: Ceriani Dr., Roberto L.
APPLICANT: Peterson Dr., Jerry A.
APPLICANT: Larocca, David J.
TITLE OF INVENTION: POLYPEPTIDE WITH 46
TITLE OF INVENTION: DIFFERENTIATION ANTIGEN BINDING SPECIFICITY AND CLOTTING
TITLE OF INVENTION: FACTORS V AND VIII LIGHT-CHAIN HOMOLOGIES,
TITLE OF INVENTION: FUSION PROTEIN, POLYNUCLEOTIDE AND POLYRIBO-
TITLE OF INVENTION: NUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-
TITLE OF INVENTION: POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: V. Amzel & Assoc.
STREET: 2055 No. 5455031th Broadway
CITY: Walnut Creek
STATE: California
COUNTRY: USA
ZIP: 94596

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/607,538C
FILING DATE: 01-NOV-1990
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Viviana Amzel
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: CRECC-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 943-1931
TELEFAX: (510) 943-1189
TELEX: N.A.
INFORMATION FOR SEQ. ID NO. 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 217 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE:
US-07-607-538C-3

Query Match 100.0%; Score 46; DB 1; Length 217;
Best Local Similarity 100.0%; Pred. No. 0.13;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLFETPEVA 9
DB 24 NLFETPEVA 32

RESULT 3
US-08-162-402B-3

Sequence 3, Application US/08162402B
Patent No. 5912317
GENERAL INFORMATION:
APPLICANT: Ceriani, Roberto L.
APPLICANT: Peterson, Jerry A.
APPLICANT: LARocca, DAVID J.

TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
TITLE OF INVENTION: GLOBULE (HMF) ANTIGEN, FRAGMENTS & FUSION PROTEIN
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder & Poplawski
STREET: 444 South Flower St., 19th Floor
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/162,402B
FILING DATE: 03-DEC-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: P66 38215
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213-622-7700
TELEFAX: 213-489-4210
TELEX:
INFORMATION FOR SEQ. ID NO. 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 217 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: peptide
US-08-162-402B-3

Query Match 100.0%; Score 46; DB 2; Length 217;
Best Local Similarity 100.0%; Pred. No. 0.13;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLFETPEVA 9
DB 24 NLFETPEVA 32

RESULT 4
US-09-364-185-3

Sequence 3, Application US/09364185
Patent No. 6596928
GENERAL INFORMATION:
APPLICANT: Ceriani, Roberto L.
APPLICANT: Peterson, Jerry A.
APPLICANT: Larocca, David J.
TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDALTON
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Ratner & Prestia
STREET: Suite 301
CITY: Valley Forge
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19482
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 3.5"
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
SOFTWARE: Patentin #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/364,185
FILING DATE: June 7, 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: CRFC-046
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 407-0700
TELEFAX: (610) 407-0701
TELEX: N.A.
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 217
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE:
US-09-364-185-3

Query Match 100.0%; Score 46; DB 4; Length 217;
Best Local Similarity 100.0%; Pred. No. 0.13;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLFETPVEA 9
Db 24 NLFETPVEA 32

RESULT 5
US-07-607-538C-2
Sequence 2, Application US/07607538C
Patent No. 5455031

GENERAL INFORMATION:
APPLICANT: Ceriani Dr., Roberto L.
APPLICANT: Peterson Dr., Jerry A.
APPLICANT: Larocca, David J.
TITLE OF INVENTION: POLYPEPTIDE WITH 46
TITLE OF INVENTION: DIFFERENTIATION ANTIGEN BINDING SPECIFICITY AND CLOTTING
TITLE OF INVENTION: FACTORS V AND VIII LIGHT-CHAIN HOMOLOGIES,
TITLE OF INVENTION: FUSION PROTEIN, POLYNUCLEOTIDE AND POLYRIBO-
TITLE OF INVENTION: NUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-
TITLE OF INVENTION: POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF
TITLE OF INVENTION: USE THEREOF
NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:
ADDRESSEE: V. Amzel & Assoc.
STREET: 2055 No. 5455031th Broadway
CITY: Walnut Creek
STATE: California
COUNTRY: USA
ZIP: 94596

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/607,538C
FILING DATE: 01-NOV-1990
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:

NAME: Viviana Amzel
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: CRFC-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 943-1931
TELEFAX: (510) 943-1189
TELEX: N.A.
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:

LENGTH: 218 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE:
US-07-607-538C-2

Query Match 100.0%; Score 46; DB 1; Length 218;
Best Local Similarity 100.0%; Pred. No. 0.13;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLFETPVEA 9
Db 25 NLFETPVEA 33

RESULT 6
US-08-162-402B-2
Sequence 2, Application US/08162402B
Patent No. 5972337

GENERAL INFORMATION:
APPLICANT: CERIANI, ROBERTO L.
APPLICANT: PETERSON, JERRY A.
APPLICANT: LAROCCA, DAVID J.
TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
TITLE OF INVENTION: GLOBULE (HMPG) ANTIGEN, FRAGMENTS & FUSION PROTEIN
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder & Poplawski
STREET: 444 South Flower St., 19th Floor
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/162,402B
FILING DATE: 03-DEC-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:

FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: P66 38215
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213-622-7700
TELEFAX: 213-489-4210
TELEX:

INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: peptide
US-08-162-402B-2

Query Match 100.0%; Score 46; DB 2; Length 218;
Best Local Similarity 100.0%; Pred. No. 0.13;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLFETPVEA 9
Db 25 NLFETPVEA 33

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RESULT 7
US-09-364-185-2
; Sequence 2, Application US/09364185
; Patent No. 6536928
; GENERAL INFORMATION:
; APPLICANT: Ceriani, Roberto L.
; APPLICANT: Peterson, Jerry A.
; APPLICANT: Laroocca, David J.
; TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDALTON
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ratner & Prestia
; STREET: Suite 301
; CITY: Valley Forge
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19482
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk 3.5"
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
; SOFTWARE: Version #1.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/364,185
; FILING DATE: June 7, 1995
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: CRFC-046
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 407-0700
; TELEFAX: (610) 407-0701
; TELEX: N.A.
; INFORMATION FOR SEQ. ID NO. 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 218 amino acids
; TYPE: amino acid
; STRANDEDNESS: acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE:
; US-09-364-185-2

Query Match      100.0%; Score 46; DB 4; Length 218;
Best Local Similarity 100.0%; Pred. No. 0.13;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 NLFETPVEA 9
DB      25 NLFETPVEA 33

RESULT 8
US-08-162-402B-6
; Sequence 6, Application US/08162402B
; Patent No. 5972337
; GENERAL INFORMATION:
; APPLICANT: CERIANI, ROBERTO L.
; APPLICANT: PETERSON, JERRY A.
; APPLICANT: LAROCCA, DAVID J.
; TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder & Poplawski
; STREET: 444 South Flower St., 19th Floor
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
```

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ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/162,402B
; FILING DATE: 03-DEC-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel, Viviana
; REGISTRATION NUMBER: 30,930
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213-622-7700
; TELEFAX: 213-489-4210
; TELEX:
; INFORMATION FOR SEQ. ID NO. 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 387 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; US-08-162-402B-6

Query Match      100.0%; Score 46; DB 2; Length 387;
Best Local Similarity 100.0%; Pred. No. 0.25;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 NLFETPVEA 9
DB      194 NLFETPVEA 202

RESULT 9
US-08-162-402B-8
; Sequence 8, Application US/08162402B
; Patent No. 5972337
; GENERAL INFORMATION:
; APPLICANT: CERIANI, ROBERTO L.
; APPLICANT: PETERSON, JERRY A.
; APPLICANT: LAROCCA, DAVID J.
; TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder & Poplawski
; STREET: 444 South Flower St., 19th Floor
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/162,402B
; FILING DATE: 03-DEC-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: P66 38215
```



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; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213-622-7700
; TELEFAX: 213-489-4210
;
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 465 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
;
US-08-162-402B-8

Query Match          100.0%; Score 46; DB 2; Length 465;
Best Local Similarity 100.0%; Pred. No. 0.3;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 NLFETPEVA 9
        |||||
        272 NLFETPEVA 280

Db

RESULT 10
US-09-526-193A-1
; Sequence 1, Application US/09526193A
; Patent No. 6617122
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING
; FILE REFERENCE: 50110/002005
; CURRENT APPLICATION NUMBER: US/09/526,193A
; CURRENT FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 2261
; TYPE: PRT
; ORGANISM: Homo sapiens
;
US-09-526-193A-1

Query Match          82.6%; Score 38; DB 4; Length 2261;
Best Local Similarity 87.5%; Pred. No. 74;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 NLFETPVE 8
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        808 NLFETPVE 815

Db

RESULT 11
US-09-032-438C-118
; Sequence 118, Application US/09032438C
; Patent No. 6713300
; GENERAL INFORMATION:
; APPLICANT: Raltner, Amir
; APPLICANT: Sun, Hui
; APPLICANT: Lupski, James R.
; APPLICANT: Nathans, Jeremy
; APPLICANT: Anderson, Kent L.
; APPLICANT: Leppert, Mark
; APPLICANT: Dean, Michael
; APPLICANT: Singh, Nanda
```

```

; APPLICANT: Shroyer, No. 6713300h F.
; APPLICANT: Smallwood, Philip M.
; APPLICANT: Allkrets, Rando
; APPLICANT: Lewis, Richard A.
; APPLICANT: Li, Yixin
; TITLE OF INVENTION: Nucleic Acid And Amino Acid Sequences For ATP-Binding Cassette
; TITLE OF INVENTION: Transporter And Methods Of Screening For Agents That Modify
; FILE REFERENCE: BYLR-0065
; CURRENT APPLICATION NUMBER: US/09/032,438C
; CURRENT FILING DATE: 1998-02-27
; PRIOR APPLICATION NUMBER: US 60/039,388
; PRIOR FILING DATE: 1997-02-27
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 118
; LENGTH: 2261
; TYPE: PRT
; ORGANISM: Mouse
;
US-09-032-438C-118

Query Match          82.6%; Score 38; DB 4; Length 2261;
Best Local Similarity 87.5%; Pred. No. 74;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 NLFETPVE 8
        |||||
        808 NLFETPVE 815

Db

RESULT 12
US-09-596-141C-2
; Sequence 2, Application US/09596141C
; Patent No. 6821774
; GENERAL INFORMATION:
; APPLICANT: Lawn, Richard M.
; APPLICANT: Wade, David
; APPLICANT: Oram, John F.
; APPLICANT: Garvin, Michael
; TITLE OF INVENTION: Compositions and Methods for Increasing Cholesterol
; TITLE OF INVENTION: Efflux and Raising HDL using ATP Binding Cassette
; FILE REFERENCE: 99,395-B
; CURRENT APPLICATION NUMBER: US/09/596,141C
; CURRENT FILING DATE: 2000-06-16
; PRIOR APPLICATION NUMBER: US 60/140,264
; PRIOR FILING DATE: 1999-06-18
; PRIOR APPLICATION NUMBER: US 60/153,872
; PRIOR FILING DATE: 1999-09-14
; PRIOR APPLICATION NUMBER: US 60/166,573
; PRIOR FILING DATE: 1999-11-19
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 2
; LENGTH: 2261
; TYPE: PRT
; ORGANISM: Homo sapiens
;
US-09-596-141C-2

Query Match          82.6%; Score 38; DB 4; Length 2261;
Best Local Similarity 87.5%; Pred. No. 74;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 NLFETPVE 8
        |||||
        808 NLFETPVE 815

Db

RESULT 13
US-09-596-141C-8
; Sequence 8, Application US/09596141C
; Patent No. 6821774
; GENERAL INFORMATION:
; APPLICANT: Lawn, Richard M.
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/ APPLICANT: Wade, David
/ APPLICANT: Oram, John F.
/ APPLICANT: Garvin, Michael
/ TITLE OF INVENTION: Compositions and Methods for Increasing Cholesterol
/ TITLE OF INVENTION: Efflux and Raising HDL using ATP Binding Cassette
/ TITLE OF INVENTION: Transporter Protein ABC1
/ FILE REFERENCE: 99,395-B
/ CURRENT APPLICATION NUMBER: US/09/596,141C
/ CURRENT FILING DATE: 2000-06-16
/ PRIOR APPLICATION NUMBER: US 60/140,264
/ PRIOR FILING DATE: 1999-06-18
/ PRIOR APPLICATION NUMBER: US 60/153,872
/ PRIOR FILING DATE: 1999-09-14
/ PRIOR APPLICATION NUMBER: US 60/166,573
/ PRIOR FILING DATE: 1999-11-19
/ NUMBER OF SEQ ID NOS: 62
/ SEQ ID NO 8
/ LENGTH: 2261
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-09-596-141C-8
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Query Match      82.6% Score 38; DB 4; Length 2261;
Best Local Similarity 87.5% Pred. No. 74;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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QY      1 NLFETPVE 8
      |||||
Db      808 NLFESPVE 815
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RESULT 14
US-09-596-141C-10
/ Sequence 10, Application US/09596141C
/ Patent No. 6821774
/ GENERAL INFORMATION:
/ APPLICANT: Lawn, Richard M.
/ APPLICANT: Wade, David
/ APPLICANT: Oram, John F.
/ APPLICANT: Garvin, Michael
/ TITLE OF INVENTION: Compositions and Methods for Increasing Cholesterol
/ TITLE OF INVENTION: Efflux and Raising HDL using ATP Binding Cassette
/ TITLE OF INVENTION: Transporter Protein ABC1
/ FILE REFERENCE: 99,395-B
/ CURRENT APPLICATION NUMBER: US/09/596,141C
/ CURRENT FILING DATE: 2000-06-16
/ PRIOR APPLICATION NUMBER: US 60/140,264
/ PRIOR FILING DATE: 1999-06-18
/ PRIOR APPLICATION NUMBER: US 60/153,872
/ PRIOR FILING DATE: 1999-09-14
/ PRIOR APPLICATION NUMBER: US 60/166,573
/ PRIOR FILING DATE: 1999-11-19
/ NUMBER OF SEQ ID NOS: 62
/ SEQ ID NO 10
/ LENGTH: 2261
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-09-596-141C-10
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Query Match      82.6% Score 38; DB 4; Length 2261;
Best Local Similarity 87.5% Pred. No. 74;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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QY      1 NLFETPVE 8
      |||||
Db      808 NLFESPVE 815
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RESULT 15
US-09-595-526C-2
/ Sequence 2, Application US/09595526C
/ Patent No. 6835563
/ GENERAL INFORMATION:
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/ APPLICANT: Lawn, Richard M.
/ APPLICANT: Wade, David
/ APPLICANT: Oram, John F.
/ APPLICANT: Garvin, Michael
/ TITLE OF INVENTION: Compositions and Methods for Increasing Cholesterol
/ TITLE OF INVENTION: Efflux and Raising HDL using ATP Binding Cassette
/ TITLE OF INVENTION: Transporter Protein ABC1
/ FILE REFERENCE: 99,395-A
/ CURRENT APPLICATION NUMBER: US/09/595,526C
/ CURRENT FILING DATE: 2000-06-16
/ PRIOR APPLICATION NUMBER: US 60/140,264
/ PRIOR FILING DATE: 1999-06-18
/ PRIOR APPLICATION NUMBER: US 60/153,872
/ PRIOR FILING DATE: 1999-09-14
/ PRIOR APPLICATION NUMBER: US 60/166,573
/ PRIOR FILING DATE: 1999-11-19
/ NUMBER OF SEQ ID NOS: 62
/ SEQ ID NO 2
/ LENGTH: 2261
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-09-595-526C-2
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Query Match      82.6% Score 38; DB 4; Length 2261;
Best Local Similarity 87.5% Pred. No. 74;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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QY      1 NLFETPVE 8
      |||||
Db      808 NLFESPVE 815
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Job time : 21.1429 secs
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GenCore version 5.1.6
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OM protein - protein search, using bw model

Run on: November 17, 2005, 20:38:09 ; Search time 72.8571 Seconds
(without alignments)
51.686 Million cell updates/sec

Title: US-09-744-804A-38
Perfect score: 46
Sequence: 1 NLFETPVEA 9

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Gapop 10.0 , Gapext 0.5

Searched: 1867879 seqs, 418409474 residues

Total number of hits satisfying chosen parameters: 1867879

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%
Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	46	100.0	98	US-10-425-115-226849	Sequence 226849,
2	46	100.0	217	US-10-038-252-3	Sequence 3, Appli
3	46	100.0	218	US-10-038-252-2	Sequence 2, Appli
4	46	100.0	318	US-10-485-360-22	Sequence 22, Appl
5	46	100.0	335	US-10-485-360-1474	Sequence 1474, Ap
6	46	100.0	336	US-10-485-360-23	Sequence 23, Appl
7	46	100.0	343	US-10-190-593-2	Sequence 2, Appli
8	46	100.0	343	US-10-485-360-8	Sequence 8, Appli
9	46	100.0	379	US-10-108-260A-3405	Sequence 3405, Ap
10	46	100.0	387	US-10-190-593-4	Sequence 4, Appli
11	46	100.0	387	US-10-873-900-2	Sequence 2, Appli

12	46	100.0	395	16	US-10-485-360-7	Sequence 7, Appli
13	46	100.0	480	16	US-10-485-360-26	Sequence 26, Appl
14	46	100.0	498	16	US-10-485-360-27	Sequence 27, Appl
15	46	100.0	612	16	US-10-485-360-30	Sequence 30, Appl
16	38	82.6	1800	15	US-10-182-006-5	Sequence 5, Appli
17	38	82.6	2201	9	US-09-995-542-9	Sequence 9, Appli
18	38	82.6	2201	15	US-10-170-385-293	Sequence 293, App
19	38	82.6	2201	15	US-10-331-496A-29	Sequence 29, Appl
20	38	82.6	2201	15	US-10-429-160-4	Sequence 4, Appli
21	38	82.6	2201	15	US-10-465-498-139	Sequence 139, App
22	38	82.6	2201	16	US-10-719-993-521	Sequence 521, App
23	38	82.6	2201	16	US-10-719-993-524	Sequence 524, App
24	38	82.6	2201	17	US-10-741-600-1024	Sequence 1024, Ap
25	38	82.6	2201	17	US-10-741-600-1027	Sequence 1067, Ap
26	38	82.6	2201	17	US-10-852-335A-186	Sequence 186, App
27	38	82.6	2201	18	US-10-287-436A-611	Sequence 611, App
28	38	82.6	2233	16	US-10-465-498-140	Sequence 140, App
29	38	82.6	2261	9	US-09-995-542-11	Sequence 11, Appl
30	38	82.6	2261	9	US-09-846-456-11	Sequence 11, Appl
31	38	82.6	2261	10	US-09-984-827-2	Sequence 2, Appli
32	38	82.6	2261	10	US-09-984-827-127	Sequence 127, App
33	38	82.6	2261	10	US-09-984-827-128	Sequence 128, App
34	38	82.6	2261	10	US-09-984-827-129	Sequence 129, App
35	38	82.6	2261	10	US-09-984-827-130	Sequence 130, App
36	38	82.6	2261	10	US-09-984-827-131	Sequence 131, App
37	38	82.6	2261	10	US-09-984-827-132	Sequence 132, App
38	38	82.6	2261	10	US-09-984-827-133	Sequence 133, App
39	38	82.6	2261	10	US-09-984-827-134	Sequence 134, App
40	38	82.6	2261	10	US-09-984-827-135	Sequence 135, App
41	38	82.6	2261	10	US-09-984-827-136	Sequence 136, App
42	38	82.6	2261	14	US-10-340-097-118	Sequence 118, App
43	38	82.6	2261	14	US-10-313-641-9	Sequence 9, Appli
44	38	82.6	2261	14	US-10-313-641-10	Sequence 10, Appl
45	38	82.6	2261	14	US-10-336-215-118	Sequence 118, App

ALIGNMENTS

RESULT 1
US-10-425-115-226849
; Sequence 226849, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53222)B
; CURRENT APPLICATION NUMBER: US/10/425, 115
; NUMBER OF SEQ ID NOS: 2003-04-28
; SEQ ID NO 226849
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: MRT4577_138472C.1.pep
US-10-425-115-226849

Query Match 100.0%; Score 46; DB 16; Length 98;
Best Local Similarity 100.0%; Pred. No. 0.2;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLFETPVEA 9
|||||||
Db 32 NLFETPVEA 40

RESULT 2
US-10-038-252-3

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Sequence 3, Application US/10038252
Publication No. US20040076629A1
GENERAL INFORMATION:
APPLICANT: Ceriani, Roberto L.
                Larocca, David J.
                Peterson, Jerry A.
TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDALTON HMFG
                DIFFERENTIATION ANTIGEN BINDING
                SPECIFICITY, COMPOSITION, KIT & METHODS
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESS: V. Amzel & Assoc.
STREET: P.O. Box 159
CITY: Gladwyne
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19035
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 3.5"
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
SOFTWARE: Version #1.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/038,252
FILING DATE: 02-Jan-2002
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: CRFC-047
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-649-0609
TELEFAX: 240-359-0299
TELEX: N.A.
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
TYPE: amino acid
LENGTH: 217
STRANDEDNESS: <Unknown>
MOLECULE TYPE: protein
FRAGMENT TYPE: <Unknown>
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-10-038-252-3
Query Match          100.0%; Score 46; DB 15; Length 217;
Best Local Similarity 100.0%; Pred. No. 0.48; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0;

QY      1 NLFETPEVA 9
DB      24 NLFETPEVA 32

RESULT 3
US-10-038-252-2
Sequence 2, Application US/10038252
Publication No. US20040076629A1
GENERAL INFORMATION:
APPLICANT: Ceriani, Roberto L.
                Peterson, Jerry A.
                Larocca, David J.
TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDALTON HMFG
                DIFFERENTIATION ANTIGEN BINDING
                SPECIFICITY, COMPOSITION, KIT & METHODS
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESS: V. Amzel & Assoc.
STREET: P.O. Box 159
CITY: Gladwyne
STATE: Pennsylvania
COUNTRY: USA
```

```
ZIP: 19035
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 3.5"
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
SOFTWARE: Version #1.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/038,252
FILING DATE: 02-Jan-2002
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: CRFC-047
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-649-0609
TELEFAX: 240-359-0299
TELEX: N.A.
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 218
TYPE: amino acids
STRANDEDNESS: <Unknown>
MOLECULE TYPE: protein
FRAGMENT TYPE: <Unknown>
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-038-252-2
Query Match          100.0%; Score 46; DB 15; Length 218;
Best Local Similarity 100.0%; Pred. No. 0.49; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0;

QY      1 NLFETPEVA 9
DB      25 NLFETPEVA 33

RESULT 4
US-10-485-360-22
Sequence 22, Application US/10485360
Publication No. US20040197314A1
GENERAL INFORMATION:
APPLICANT: Delcayre, Alain
                Filler, Invention, Jean-Bernard
                Filler, Reference, 8009440
TITLE OF INVENTION: Method and Compounds for the Targeting of Protein to Exosomes
FILE REFERENCE: 8009440
CURRENT APPLICATION NUMBER: US/10/485,360
CURRENT FILING DATE: 2004-01-30
NUMBER OF SEQ ID NOS: 30
SOFTWARE: PatentIn Version 3.1
SEQ ID NO: 22
LENGTH: 218
TYPE: PRT
ORGANISM: Artificial Sequence
NAME/KEY: MISC_FEATURE
OTHER INFORMATION: Human IL2-human Lactadherin C1 domain chimeric protein
US-10-485-360-22
Query Match          100.0%; Score 46; DB 16; Length 318;
Best Local Similarity 100.0%; Pred. No. 0.74; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0;

QY      1 NLFETPEVA 9
DB      279 NLFETPEVA 287

RESULT 5
US-10-408-765A-1474
Sequence 1474, Application US/10408765A
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; Publication No. US2004010187A1
; GENERAL INFORMATION:
; APPLICANT: Ghosh, Soumitra S.
; APPLICANT: Fathy, Eoin D.
; APPLICANT: Zhang, Bing
; APPLICANT: Gibson, Bradford W.
; APPLICANT: Taylor, Steven W.
; APPLICANT: Glenn, Gary M.
; APPLICANT: Warnock, Dale E.
; TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
; TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
; FILE REFERENCE: 660088.465
; CURRENT APPLICATION NUMBER: US/10/408,765A
; CURRENT FILING DATE: 2003-04-04
; NUMBER OF SEQ ID NOS: 3077
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1474
; LENGTH: 335
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-408-765A-1474

Query Match          100.0%; Score 46; DB 16; Length 335;
Best Local Similarity 100.0%; Pred. No. 0.78;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLFETPVEA 9
Db 194 NLFETPVEA 202

RESULT 6
US-10-485-360-23
; Sequence 23, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094W0
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 336
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MISC FEATURE
; OTHER INFORMATION: Human IL2-human Lactadherin C1 domain chimeric protein
; US-10-485-360-23

Query Match          100.0%; Score 46; DB 16; Length 336;
Best Local Similarity 100.0%; Pred. No. 0.78;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLFETPVEA 9
Db 297 NLFETPVEA 305

RESULT 7
US-10-190-593-2
; Sequence 2, Application US/10190593
; Publication No. US20030222221A1
; GENERAL INFORMATION:
; APPLICANT: LANGIT, Emanuel et al.
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
; TITLE OF INVENTION: USES THEROSF
; FILE REFERENCE: C1001246
; CURRENT APPLICATION NUMBER: US/10/190,593
```

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; CURRENT FILING DATE: 2002-07-09
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 343
; TYPE: PRT
; ORGANISM: Human
; US-10-190-593-2

Query Match          100.0%; Score 46; DB 14; Length 343;
Best Local Similarity 100.0%; Pred. No. 0.8;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLFETPVEA 9
Db 150 NLFETPVEA 158

RESULT 8
US-10-485-360-8
; Sequence 8, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094W0
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 343
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-485-360-8

Query Match          100.0%; Score 46; DB 16; Length 343;
Best Local Similarity 100.0%; Pred. No. 0.8;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLFETPVEA 9
Db 194 NLFETPVEA 202

RESULT 9
US-10-108-260A-3405
; Sequence 3405, Application US/10108260A
; Publication No. US20040005560A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20040005560A1 full length cDNA
; FILE REFERENCE: H1-A0106
; CURRENT APPLICATION NUMBER: US/10/108,260A
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 5458
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3405
; LENGTH: 379
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-108-260A-3405

Query Match          100.0%; Score 46; DB 15; Length 379;
Best Local Similarity 100.0%; Pred. No. 0.89;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NLFETPVEA 9
Db 186 NLFETPVEA 194
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RESULT 10
US-10-190-593-4
; Sequence 4, Application US/10190593
; Publication NO: US20003002221A1
; GENERAL INFORMATION:
; APPLICANT: LANGIT, Emmanuel et al.
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS, AND
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
; FILE REFERENCE: C1001246
; CURRENT APPLICATION NUMBER: US/10/190,593
; CURRENT FILING DATE: 2002-07-09
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 4
; LENGTH: 387
; TYPE: PRT
; ORGANISM: Human
US-10-190-593-4

Query Match          100.0%; Score 46; DB 14; Length 387;
Best Local Similarity 100.0%; Pred. No. 0.91; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0;

QY 1 NLFETPVEA 9
DB 194 NLFETPVEA 202

RESULT 11
US-10-873-900-2
; Sequence 2, Application US/10873900
; Publication NO: US20040241179A1
; GENERAL INFORMATION:
; APPLICANT: Institut National De La Sante Et De La Recherche Medicale
; APPLICANT: Raposo, Graca
; APPLICANT: Amigorena, Sebastian
; APPLICANT: Thery, Clotilde
; TITLE OF INVENTION: Compositions and Methods Using Lactadherin Or Variants Thereof
; FILE REFERENCE: 70215.4003 KIM
; CURRENT APPLICATION NUMBER: US/10/873,900
; CURRENT FILING DATE: 2004-06-21
; PRIOR APPLICATION NUMBER: US 09/582,340
; PRIOR FILING DATE: 1999-11-23
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 2
; LENGTH: 387
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-873-900-2

Query Match          100.0%; Score 46; DB 16; Length 387;
Best Local Similarity 100.0%; Pred. No. 0.91; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0;

QY 1 NLFETPVEA 9
DB 194 NLFETPVEA 202

RESULT 12
US-10-485-360-7
; Sequence 7, Application US/10485360
; Publication NO: US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094W0
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
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; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 7
; LENGTH: 395
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-485-360-7

Query Match          100.0%; Score 46; DB 16; Length 395;
Best Local Similarity 100.0%; Pred. No. 0.93; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0;

QY 1 NLFETPVEA 9
DB 194 NLFETPVEA 202

RESULT 13
US-10-485-360-26
; Sequence 26, Application US/10485360
; Publication NO: US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094W0
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 26
; LENGTH: 480
; TYPE: PRT
; ORGANISM: Artificial Sequence
; NAME/KEY: MISC FEATURE
; OTHER INFORMATION: Human IL2-human Lactadherin C1/C2 domain chimeric protein
US-10-485-360-26

Query Match          100.0%; Score 46; DB 16; Length 480;
Best Local Similarity 100.0%; Pred. No. 1.2; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0;

QY 1 NLFETPVEA 9
DB 279 NLFETPVEA 287

RESULT 14
US-10-485-360-27
; Sequence 27, Application US/10485360
; Publication NO: US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094W0
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 27
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Artificial Sequence
; NAME/KEY: MISC FEATURE
; OTHER INFORMATION: Human IL2-human Lactadherin C1/C2 domain chimeric protein
US-10-485-360-27

Query Match          100.0%; Score 46; DB 16; Length 498;
Best Local Similarity 100.0%; Pred. No. 1.2; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0;
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QY 1 NLFETPVEA 9
 |||||
 Db 297 NLFETPVEA 305

RESULT 15
 US-10-485-360-30
 ; Sequence 30, Application US/10485360
 ; Publication No. US20040197314A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Delcayre, Alain
 ; APPLICANT: Le Pecq, Jean-Bernard
 ; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
 ; FILE REFERENCE: B0094WO
 ; CURRENT APPLICATION NUMBER: US/10/485,360
 ; CURRENT FILING DATE: 2004-01-30
 ; NUMBER OF SEQ ID NOS: 30
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 30
 ; LENGTH: 612
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; NAME/KEY: MISC_FEATURE
 ; OTHER INFORMATION: Human Lactadherin-human CD40L chimeric protein
 US-10-485-360-30

Query Match 100.0%; Score 46; DB 16; Length 612;
 Best Local Similarity 100.0%; Pred.No.1.5;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 NLFETPVEA 9
 |||||
 Db 194 NLFETPVEA 202

Search completed: November 17, 2005, 21:24:19
 Job time : 73.8571 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 17, 2005, 20:09:43 ; Search time 20.1429 Seconds
(without alignments)
33.354 Million cell updates/sec

Title: US-09-744-804A-39

Perfect score: 54

Sequence: 1 GLQHWYPEL 9

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%
Listing first 45 summaries

Database :

Issued Patents AA:*
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	54	100.0	160	2	US-08-162-402B-10
2	54	100.0	387	2	US-08-162-402B-6
3	54	100.0	465	2	US-08-162-402B-8
4	41	75.9	408	4	US-09-328-352-5768
5	39	72.2	160	2	US-08-162-402B-11
6	39	72.2	320	2	US-08-480-229C-20
7	39	72.2	320	2	US-08-659-235C-20
8	39	72.2	463	2	US-08-162-402B-9
9	39	72.2	481	4	US-09-543-681A-8321
10	39	72.2	481	4	US-09-252-991A-17621
11	39	72.2	837	4	US-09-252-991A-30713
12	38	70.4	4019	4	US-09-854-133-425
13	37	68.5	264	2	US-08-719-697-8
14	37	68.5	264	3	US-08-727-616A-8
15	37	68.5	264	4	US-09-481-756-8
16	37	68.5	265	2	US-08-719-697-6
17	37	68.5	265	3	US-08-727-616A-6
18	37	68.5	265	4	US-09-481-756-6
19	37	68.5	290	4	US-09-489-039A-11407
20	37	68.5	886	4	US-09-902-540-11981
21	37	68.5	3079	5	PCT-US94-00198-4
22	36	66.7	231	4	US-09-333-809-218
23	36	66.7	231	4	US-09-333-809-219
24	36	66.7	231	4	US-09-333-809-220
25	36	66.7	231	4	US-09-746-311B-367
26	36	66.7	231	4	US-09-746-311B-368
27	36	66.7	231	4	US-09-746-311B-369

28	36	66.7	232	4	US-09-333-809-214	Sequence 214, App
29	36	66.7	232	4	US-09-333-809-215	Sequence 215, App
30	36	66.7	232	4	US-09-333-809-216	Sequence 216, App
31	36	66.7	232	4	US-09-333-809-217	Sequence 217, App
32	36	66.7	232	4	US-09-746-311B-363	Sequence 363, App
33	36	66.7	232	4	US-09-746-311B-364	Sequence 364, App
34	36	66.7	232	4	US-09-746-311B-365	Sequence 365, App
35	36	66.7	232	4	US-09-746-311B-366	Sequence 366, App
36	36	66.7	255	2	US-08-484-905-110	Sequence 110, App
37	36	66.7	255	3	US-08-370-476-110	Sequence 110, App
38	36	66.7	255	2	US-08-484-905-113	Sequence 113, App
39	36	66.7	256	3	US-08-370-476-113	Sequence 113, App
40	36	66.7	256	3	US-08-960-190A-25	Sequence 25, App
41	36	66.7	503	4	US-09-569-611C-49	Sequence 49, App
42	36	66.7	503	4	US-09-949-016-7405	Sequence 7405, App
43	36	66.7	514	1	US-07-872-644-17	Sequence 17, App
44	36	66.7				
45	36	66.7				

ALIGNMENTS

RESULT 1
US-08-162-402B-10
; Sequence 10, Application US/08162402B
; Patent No. 5972337
; GENERAL INFORMATION:
; APPLICANT: CERIANI, ROBERTO L.
; APPLICANT: PETERSON, JERRY A.
; APPLICANT: LAROCCA, DAVID J.
; TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
; TITLE OF INVENTION: GLOBULE (HMF) ANTIGEN, FRAGMENTS & FUSION PROTEIN
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Pretty, Schroeder & Poplawski
; STREET: 444 South Flower St., 19th Floor
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: IBM Compatible
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/162,402B
; FILING DATE: 03-DEC-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: P66 38215
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213-622-7700
; TELEFAX: 213-489-4210
; TELEX:
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 160 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; US-08-162-402B-10
Query Match 100.0%; Score 54; DB 2; Length 160;
Best Local Similarity 100.0%; Pred. No. 0.038;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GLOHWVPEL 9
 DB 29 GLOHWVPEL 37

RESULT 2
 US-08-162-402B-6
 ; Sequence 6, Application US/08162402B
 ; Patent No. 5972337
 ; GENERAL INFORMATION:
 ; APPLICANT: CERIANI, ROBERTO L.
 ; APPLICANT: LAROCCA, DAVID J.
 ; TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
 ; NUMBER OF SEQUENCES: 29
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Pretty, Schroeder & Poplawski
 ; STREET: 444 South Flower St., 19th Floor
 ; CITY: Los Angeles
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 90071
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FASTSEQ for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/162,402B
 ; FILING DATE: 03-DEC-1993
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Amzel, Viviana
 ; REGISTRATION NUMBER: 30,930
 ; REFERENCE/DOCKET NUMBER: P66 38215
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 213-622-7700
 ; TELEFAX: 213-489-4210
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 6:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 387 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: unknown
 ; TOPOLOGY: unknown
 ; MOLECULE TYPE: peptide
 ; US-08-162-402B-6
 ;
 ; Query Match 100.0%; Score 54; DB 2; Length 387;
 ; Best Local Similarity 100.0%; Pred. No. 0.098;
 ; Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 ;
 ; QY 1 GLOHWVPEL 9
 ; DB 97 GLOHWVPEL 105
 ;
 ; RESULT 3
 ; US-08-162-402B-8
 ; ; Sequence 8, Application US/08162402B
 ; ; Patent No. 5972337
 ; ; GENERAL INFORMATION:
 ; ; APPLICANT: CERIANI, ROBERTO L.
 ; ; APPLICANT: PETERSON, JERRY A.
 ; ; APPLICANT: LAROCCA, DAVID J.
 ; ; TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
 ; ; NUMBER OF SEQUENCES: 29
 ; ; CORRESPONDENCE ADDRESS:
 ; ; ADDRESSEE: Pretty, Schroeder & Poplawski
 ; ; STREET: 444 South Flower St., 19th Floor
 ; ; CITY: Los Angeles
 ; ; STATE: CA
 ; ; COUNTRY: USA
 ; ; ZIP: 90071
 ; ; COMPUTER READABLE FORM:
 ; ; MEDIUM TYPE: Diskette
 ; ; OPERATING SYSTEM: DOS
 ; ; SOFTWARE: FASTSEQ for Windows Version 2.0
 ; ; CURRENT APPLICATION DATA:
 ; ; APPLICATION NUMBER: US/08/162,402B
 ; ; FILING DATE: 03-DEC-1993
 ; ; CLASSIFICATION: 435
 ; ; PRIOR APPLICATION DATA:
 ; ; APPLICATION NUMBER:
 ; ; FILING DATE:
 ; ; ATTORNEY/AGENT INFORMATION:
 ; ; NAME: Amzel, Viviana
 ; ; REGISTRATION NUMBER: 30,930
 ; ; REFERENCE/DOCKET NUMBER: P66 38215
 ; ; TELECOMMUNICATION INFORMATION:
 ; ; TELEPHONE: 213-622-7700
 ; ; TELEFAX: 213-489-4210
 ; ; TELEX:
 ; ; INFORMATION FOR SEQ ID NO: 8:
 ; ; SEQUENCE CHARACTERISTICS:
 ; ; LENGTH: 465 amino acids
 ; ; TYPE: amino acid
 ; ; STRANDEDNESS: unknown
 ; ; TOPOLOGY: unknown
 ; ; MOLECULE TYPE: peptide
 ; ; US-08-162-402B-8
 ; ;
 ; ; Query Match 100.0%; Score 54; DB 2; Length 465;
 ; ; Best Local Similarity 100.0%; Pred. No. 0.12;
 ; ; Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 ; ;
 ; ; QY 1 GLOHWVPEL 9
 ; ; DB 175 GLOHWVPEL 183
 ; ;
 ; ; RESULT 4
 ; ; US-09-328-352-5768
 ; ; ; Sequence 5768, Application US/09328352
 ; ; ; Patent No. 6562958
 ; ; ; GENERAL INFORMATION:
 ; ; ; APPLICANT: Gary L. Breton et al.
 ; ; ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
 ; ; ; FILE REFERENCE: GTC99-03PA
 ; ; ; CURRENT APPLICATION NUMBER: US/09/328,352
 ; ; ; CURRENT FILING DATE: 1999-06-04
 ; ; ; NUMBER OF SEQ ID NOS: 8252
 ; ; ; SEQ ID NO 5768
 ; ; ; LENGTH: 408
 ; ; ; TYPE: PRT
 ; ; ; ORGANISM: Acinetobacter baumannii
 ; ; US-09-328-352-5768
 ; ;
 ; ; Query Match 75.9%; Score 41; DB 4; Length 408;
 ; ; Best Local Similarity 85.7%; Pred. No. 21;
 ; ; Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
 ; ;
 ; ; QY 1 GLOHWV 7
 ; ; DB 9 GLKHWP 15
 ; ;
 ; ; RESULT 5

US-08-162-402B-11
; Sequence 11, Application US/08162402B
; Patent No. 5972337
; GENERAL INFORMATION:
; APPLICANT: CERIANI, ROBERTO L.
; APPLICANT: PETERSON, JERRY A.
; APPLICANT: LAROCCA, DAVID J.
; TITLE OF INVENTION: 46 KALTON HUMAN MILK FAT
; TITLE OF INVENTION: GLOBULE (HMRG) ANTIGEN, FRAGMENTS & FUSION PROTEIN
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder & Poplowski
; STREET: 444 South Flower St., 19th floor
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Fastseq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/162,402B
; FILING DATE: 03-DEC-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: P66 38215
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213-622-7700
; TELEFAX: 213-489-4210
; TELEX:
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 160 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
US-08-162-402B-11

Query Match 72.2%; Score 39; DB 2; Length 160;
Best Local Similarity 77.8%; Pred. No. 17;
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 GLOHWPEL 9
Db 29 GLOHWPEL 37

RESULT 6
US-08-480-229C-20
; Sequence 20, Application US/08480229C
; Patent No. 5874562
; GENERAL INFORMATION:
; APPLICANT: Quettermous, Thomas
; APPLICANT: Hogan, Brigid
; APPLICANT: Snodgrass, H. Ralph
; APPLICANT: Zupancic, Thomas J.
; TITLE OF INVENTION: DEVELOPMENTALLY-REGULATED ENDOTHELIAL
; TITLE OF INVENTION: CELL LOCUS-1
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States

ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,229C
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Poissant, Brian M.
; REGISTRATION NUMBER: 28,462
; REFERENCE/DOCKET NUMBER: 8907-0026-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864/9741
; TELEX: 66141 Pennie
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 320 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-480-229C-20

Query Match 72.2%; Score 39; DB 2; Length 320;
Best Local Similarity 77.8%; Pred. No. 36;
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 GLOHWPEL 9
Db 28 GLOHWPEL 36

RESULT 7
US-08-659-235C-20
; Sequence 20, Application US/08659235C
; Patent No. 5877281
; GENERAL INFORMATION:
; APPLICANT: Quettermous, Thomas
; APPLICANT: Hogan, Brigid
; APPLICANT: Snodgrass, H. Ralph
; APPLICANT: Zupancic, Thomas J.
; TITLE OF INVENTION: DEVELOPMENTALLY-REGULATED ENDOTHELIAL
; TITLE OF INVENTION: CELL LOCUS-1
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/659,235C
; FILING DATE: 05-JUN-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Poissant, Brian M.
; REGISTRATION NUMBER: 28,462
; REFERENCE/DOCKET NUMBER: 8907-0034-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864/9741
; TELEX: 66141 Pennie
; INFORMATION FOR SEQ ID NO: 20:

SEQUENCE CHARACTERISTICS:
LENGTH: 320 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-659-235C-20

Query Match 72.2% Score 39; DB 2; Length 320;
Best Local Similarity 77.8%; Pred. No. 36;
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 GLOHWVPEL 9
DB 28 GLORMGPPEL 36

RESULT 8

US-08-162-402B-9
Sequence 9, Application US/08162402B
Patent No. 597237
GENERAL INFORMATION:
APPLICANT: CERANT, ROBERTO L.
APPLICANT: PETERSON, JERRY A.
APPLICANT: IAROCCH, DAVID J.
TITLE OF INVENTION: 46 DALTON HUMAN MILK FAT
TITLE OF INVENTION: GLOBULE (HMPG) ANTIGEN, FRAGMENTS & FUSION PROTEIN
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Preety, Schroeder & Poplawski
STREET: 444 South Flower St., 19th Floor
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08162402B
FILING DATE: 03-DEC-1993
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: P66 38215
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213-622-7700
TELEFAX: 213-489-4210
TELEX:
INFORMATION FOR SEQ. ID NO.: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 463 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: peptide
US-08-162-402B-9

Query Match

Best Local Similarity 72.2%; Score 39; DB 2; Length 463;
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 GLOHWVPEL 9
DB 175 GLORMGPPEL 183

RESULT 9
US-09-543-681A-8321
Sequence 8321, Application US/09543681A
Patent No. 6605709
GENERAL INFORMATION:
APPLICANT: GARY BRETON
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.1002-001
CURRENT APPLICATION NUMBER: US/09/543,681A
CURRENT FILING DATE: 2000-04-05
PRIOR APPLICATION NUMBER: US 60/128,706
PRIOR FILING DATE: 1998-04-09
NUMBER OF SEQ. ID NOS: 8344
SEQ. ID NO. 8321
LENGTH: 481
TYPE: PRT
ORGANISM: Proteus mirabilis
US-09-543-681A-8321

Query Match 72.2% Score 39; DB 4; Length 481;
Best Local Similarity 62.5%; Pred. No. 56;
Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 2 LOHWVPEL 9
DB 426 IRHWLPEL 433

RESULT 10
US-09-252-991A-17621
Sequence 17621, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ. ID NOS: 33142
SEQ. ID NO. 17621
LENGTH: 482
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-17621

Query Match 72.2% Score 39; DB 4; Length 482;
Best Local Similarity 62.5%; Pred. No. 56;
Matches 5; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2 LOHWVPEL 9
DB 285 VOHWIPSL 292

RESULT 11
US-09-252-991A-30713
Sequence 30713, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18

PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 30713
LENGTH: 837
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-30713

Query Match 72.2%; Score 39; DB 4; Length 837;
Best Local Similarity 62.5%; Pred. No. 1e+02;
Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 2 LQHWPEL 9
Db 780 IRHWPEL 787

RESULT 12
US-09-854-133-425
Sequence 425, Application US/09854133
Patent No. 6759508
GENERAL INFORMATION:
APPLICANT: Lodes, Michael J.
APPLICANT: Mohamath, Raodoh
APPLICANT: Henderson, Robert A.
APPLICANT: Benson, Darin R.
APPLICANT: Secrist, Heather
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
FILE REFERENCE: 210121.475C10
CURRENT APPLICATION NUMBER: US/09/854,133
CURRENT FILING DATE: 2001-05-11
NUMBER OF SEQ ID NOS: 735
SOFTWARE: FastSeq for windows Version 3.0
SEQ ID NO 425
LENGTH: 4019
TYPE: PRT
ORGANISM: Homo sapiens
US-09-854-133-425

Query Match 70.4%; Score 38; DB 4; Length 4019;
Best Local Similarity 85.7%; Pred. No. 8.4e+02;
Matches 6; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 LQHWPE 8
Db 1475 LQHWPE 1481

RESULT 13
US-08-719-697-8
Sequence 8, Application US/08719697
Patent No. 5928888
GENERAL INFORMATION:
APPLICANT: Whitney, Michael A.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR SENSITIVE
TITLE OF INVENTION: AND RAPID, FUNCTIONAL IDENTIFICATION OF GENOMIC
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/719,697
FILING DATE: 26-SEP-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 08366/003001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 264 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-719-697-8

Query Match 68.5%; Score 37; DB 2; Length 264;
Best Local Similarity 75.0%; Pred. No. 65;
Matches 6; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2 LQHWPEL 9
Db 138 LQHWPEL 145

RESULT 14
US-08-727-616A-8
Sequence 8, Application US/08727616A
Patent No. 6291162
GENERAL INFORMATION:
APPLICANT: Tsielen, Roger Y.
APPLICANT: Zlotnik, Gregor
TITLE OF INVENTION: SUBSTRATES FOR BETA-LACTAMASE
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/727,616A
FILING DATE: 15-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/407,544
FILING DATE: 20-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07257/034001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 264 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: internal
US-08-727-616A-8

Query Match 68.5%; Score 37; DB 3; Length 264;
Best Local Similarity 75.0%; Pred. No. 65;
Matches 6; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2 LQHWPEL 9
 Db 138 LDHWPEL 145

RESULT 15

US-09-481-756-8
 Sequence 8, Application US/09481756
 Patent No. 6472205

GENERAL INFORMATION:

APPLICANT: Tsien, Roger Y.
 TITLE OF INVENTION: SUBSTRATES FOR BETA-LACTAMASE
 NUMBER OF SEQUENCES: 10
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Fish & Richardson P.C.
 STREET: 4225 Executive Square, Suite 1400
 CITY: La Jolla
 STATE: CA
 COUNTRY: USA
 ZIP: 92037

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
 COMPUTER: IBM compatible
 OPERATING SYSTEM: Windows 95
 SOFTWARE: FASTSO for Windows Version 2.0b

CURRENT APPLICATION DATA: US/09/481,756

APPLICATION NUMBER: 11-Jan-2000

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/727,616

FILING DATE: <UNKNOWN>

ATTORNEY/AGENT INFORMATION:

NAME: Haile, Lisa A.

REGISTRATION NUMBER: 38,347

REFERENCE/DOCKET NUMBER: 07257/034001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 619/678-5070

TELEFAX: 619/678-5099

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:

LENGTH: 264 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

FRAGMENT TYPE: internal

SEQUENCE DESCRIPTION: SEQ ID NO: 8:

US-09-481-756-8

Query Match 68.5%; Score 37; DB 4; Length 264;

Best Local Similarity 75.0%; Pred. No. 65;

Matches 6; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2 LQHWPEL 9

Db 138 LDHWPEL 145

Search completed: November 17, 2005, 20:42:18
 Job time: 20.1429 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 17, 2005, 20:38:09 ; Search time 72.8571 Seconds
(without alignments)
51.686 Million cell updates/sec

Title: US-09-744-804A-39

Perfect score: 54

Sequence: 1 GLQHWPEL 9

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1867879 seqs, 418409474 residues

Total number of hits satisfying chosen parameters: 1867879

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications_AA:*

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6: /cgn2_6/ptodata/1/pubppa/PCTUS_PUBCOMB.pep:*

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22: /cgn2_6/ptodata/1/pubppa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	54	100.0	318	16	US-10-485-360-22
2	54	100.0	335	16	US-10-408-765A-1474
3	54	100.0	336	16	US-10-485-360-23
4	54	100.0	343	14	US-10-190-593-2
5	54	100.0	343	16	US-10-485-360-8
6	54	100.0	379	15	US-10-108-260A-3405
7	54	100.0	387	14	US-10-190-593-4
8	54	100.0	387	16	US-10-873-900-2
9	54	100.0	395	16	US-10-485-360-7
10	54	100.0	480	16	US-10-485-360-26
11	54	100.0	498	16	US-10-485-360-27

12	54	100.0	612	16	US-10-485-360-30	Sequence 30, Appl
13	42	77.8	223	15	US-10-093-463-132	Sequence 130, App
14	42	77.8	307	15	US-10-093-463-130	Sequence 130, App
15	42	77.8	307	15	US-10-093-463-134	Sequence 134, App
16	41	75.9	824	15	US-10-369-493-9226	Sequence 9226, App
17	41	75.9	824	15	US-10-369-493-9444	Sequence 9444, App
18	41	75.9	833	15	US-10-369-493-17575	Sequence 17575, A
19	40	74.1	217	14	US-10-106-698-5795	Sequence 5795, App
20	40	74.1	512	14	US-10-080-170-9	Sequence 9, Appl1
21	40	74.1	512	16	US-10-080-170-9	Sequence 9, Appl1
22	40	74.1	512	16	US-10-468-356-9	Sequence 9, Appl1
23	39	72.2	337	14	US-10-156-761-13819	Sequence 13819, A
24	39	72.2	434	16	US-10-485-360-10	Sequence 10, Appl1
25	39	72.2	463	16	US-10-873-900-4	Sequence 4, Appl1
26	39	72.2	1040	15	US-10-282-122A-75316	Sequence 75316, A
27	39	72.2	1040	15	US-10-282-122A-76235	Sequence 76235, A
28	38	70.4	22	9	US-09-864-761-39498	Sequence 39498, A
29	38	70.4	150	9	US-09-867-550-1518	Sequence 1518, App
30	38	70.4	288	15	US-10-282-122A-66912	Sequence 66912, A
31	38	70.4	331	15	US-10-369-493-7760	Sequence 7760, App
32	38	70.4	331	15	US-10-389-566-1221	Sequence 1221, App
33	38	70.4	331	17	US-10-732-923-17869	Sequence 17869, A
34	38	70.4	458	16	US-10-767-701-45959	Sequence 45959, A
35	38	70.4	498	15	US-10-369-493-6415	Sequence 6415, App
36	38	70.4	566	16	US-10-425-115-285256	Sequence 285256, A
37	38	70.4	602	15	US-10-425-114-50273	Sequence 50273, A
38	38	70.4	665	20	US-11-097-143-31524	Sequence 31524, A
39	38	70.4	939	15	US-10-369-493-3816	Sequence 3816, App
40	38	70.4	4019	9	US-09-738-973-425	Sequence 425, App
41	38	70.4	4019	9	US-09-854-133-425	Sequence 425, App
42	38	70.4	4019	14	US-10-144-649A-425	Sequence 425, App
43	37	68.5	36	15	US-10-424-599-199679	Sequence 199679, A
44	37	68.5	74	16	US-10-425-115-242992	Sequence 242992, A
45	37	68.5	92	14	US-10-317-832-129	Sequence 129, App

ALIGNMENTS

RESULT 1

US-10-485-360-22

Sequence 22, Application US/10485360

Publication No. US20040197314A1

GENERAL INFORMATION:

APPLICANT: Delcayre, Alain

APPLICANT: Le Pecq, Jean-Bernard

TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes

FILE REFERENCE: B009400

CURRENT APPLICATION NUMBER: US/10/485,360

CURRENT FILING DATE: 2004-01-30

NUMBER OF SEQ ID NOS: 30

SOFTWARE: PatentIn version 3.1

SEQ ID NO 22

LENGTH: 318

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE:

NAME/KEY: MISC FEATURE

OTHER INFORMATION: Human IL2-human lactadherin C1 domain chimeric protein

US-10-485-360-22

Query Match

Best Local Similarity 100.0%; Score 54; DB 16; Length 318;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GLQHWPEL 9

Db 182 GLQHWPEL 190

RESULT 2

US-10-408-765A-1474

Sequence 1474, Application US/10408765A

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/ Publication No. US20040101874A1
/ GENERAL INFORMATION:
/ APPLICANT: Gnoth, Soumltra S.
/ APPLICANT: Fahy, Eoin D.
/ APPLICANT: Zhang, Bing
/ APPLICANT: Gibson, Bradford W.
/ APPLICANT: Taylor, Steven W.
/ APPLICANT: Glenn, Gary W.
/ APPLICANT: Warnock, Dale E.
/ TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
/ FILE REFERENCE: 660088,465
/ CURRENT FILING DATE: 2003-04-04
/ CURRENT APPLICATION NUMBER: US/10/408,765A
/ NUMBER OF SEQ ID NOS: 3077
/ SOFTWARE: FASTSEQ for Windows Version 4.0
/ SEQ ID NO 1474
/ LENGTH: 335
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-408-765A-1474

Query Match      100.0%; Score 54; DB 16; Length 335;
Best Local Similarity 100.0%; Pred. No. 1.4;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GLOHWPEL 9
DB 97 GLOHWPEL 105

RESULT 3
US-10-485-360-23
/ Sequence 23, Application US/10485360
/ Publication No. US20040197314A1
/ GENERAL INFORMATION:
/ APPLICANT: Delcayre, Alain
/ APPLICANT: Le Pecq, Jean-Bernard
/ TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
/ FILE REFERENCE: B0094W0
/ CURRENT APPLICATION NUMBER: US/10/485,360
/ CURRENT FILING DATE: 2004-01-30
/ NUMBER OF SEQ ID NOS: 30
/ SOFTWARE: Patentin version 3.1
/ SEQ ID NO 23
/ LENGTH: 336
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: MISC FEATURE
/ OTHER INFORMATION: Human IL2-human lactadherin C1 domain chimeric protein
US-10-485-360-23

Query Match      100.0%; Score 54; DB 16; Length 336;
Best Local Similarity 100.0%; Pred. No. 1.4;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GLOHWPEL 9
DB 200 GLOHWPEL 208

RESULT 4
US-10-190-593-2
/ Sequence 2, Application US/10190593
/ Publication No. US20030022221A1
/ GENERAL INFORMATION:
/ APPLICANT: LANGIT, Emanuel et al.
/ TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
/ TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
/ FILE REFERENCE: CL001246
/ CURRENT APPLICATION NUMBER: US/10/190,593
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/ CURRENT FILING DATE: 2002-07-09
/ NUMBER OF SEQ ID NOS: 4
/ SOFTWARE: FASTSEQ for Windows Version 4.0
/ SEQ ID NO 2
/ LENGTH: 243
/ TYPE: PRT
/ ORGANISM: Human
US-10-190-593-2

Query Match      100.0%; Score 54; DB 14; Length 343;
Best Local Similarity 100.0%; Pred. No. 1.4;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GLOHWPEL 9
DB 53 GLOHWPEL 61

RESULT 5
US-10-485-360-8
/ Sequence 8, Application US/10485360
/ Publication No. US20040197314A1
/ GENERAL INFORMATION:
/ APPLICANT: Delcayre, Alain
/ APPLICANT: Le Pecq, Jean-Bernard
/ TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
/ FILE REFERENCE: B0094W0
/ CURRENT APPLICATION NUMBER: US/10/485,360
/ CURRENT FILING DATE: 2004-01-30
/ NUMBER OF SEQ ID NOS: 30
/ SOFTWARE: Patentin version 3.1
/ SEQ ID NO 8
/ LENGTH: 343
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-485-360-8

Query Match      100.0%; Score 54; DB 16; Length 343;
Best Local Similarity 100.0%; Pred. No. 1.4;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GLOHWPEL 9
DB 97 GLOHWPEL 105

RESULT 6
US-10-108-260A-3405
/ Sequence 3405, Application US/10108260A
/ Publication No. US20040005560A1
/ GENERAL INFORMATION:
/ APPLICANT: HELIX RESEARCH INSTITUTE
/ TITLE OF INVENTION: H1-A0106
/ FILE REFERENCE: H1-A0106
/ CURRENT APPLICATION NUMBER: US/10/108,260A
/ CURRENT FILING DATE: 2002-03-27
/ NUMBER OF SEQ ID NOS: 5458
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 3405
/ LENGTH: 379
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-108-260A-3405

Query Match      100.0%; Score 54; DB 15; Length 379;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GLOHWPEL 9
DB 89 GLOHWPEL 97
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RESULT 7
US-10-190-593-4
; Sequence 4, Application US/10190593
; Publication No. US20030022221A1
; GENERAL INFORMATION:
; APPLICANT: LANGIT, Emmanuel et al.
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
; FILE OF INVENTION: USES THEREOF
; FILE REFERENCE: C0001246
; CURRENT APPLICATION NUMBER: US/10/190,593
; CURRENT FILING DATE: 2002-07-09
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 387
; TYPE: PRT
; ORGANISM: Human
US-10-190-593-4

Query Match
Best Local Similarity 100.0%; Score 54; DB 14; Length 387;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GLOHWVPEL 9
Db 97 GLOHWVPEL 105

RESULT 8
US-10-873-900-2
; Sequence 2, Application US/10873900
; Publication No. US20040241179A1
; GENERAL INFORMATION:
; APPLICANT: Institut National De La Sante Et De La Recherche Medicale
; APPLICANT: Raposo, Graca
; APPLICANT: Amigorena, Sebastien
; APPLICANT: They, Clotilde
; TITLE OF INVENTION: Compositions and Methods Using Lactadherin Or Variants Thereof
; FILE REFERENCE: 70215.4003 KTM
; CURRENT APPLICATION NUMBER: US/10/873,900
; CURRENT FILING DATE: 2004-06-21
; PRIOR APPLICATION NUMBER: US 09/582,340
; PRIOR FILING DATE: 1999-11-23
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 387
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-873-900-2

Query Match
Best Local Similarity 100.0%; Score 54; DB 16; Length 387;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GLOHWVPEL 9
Db 97 GLOHWVPEL 105

RESULT 9
US-10-485-360-7
; Sequence 7, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094WO
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
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; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 395
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-485-360-7

Query Match
Best Local Similarity 100.0%; Score 54; DB 16; Length 395;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GLOHWVPEL 9
Db 97 GLOHWVPEL 105

RESULT 10
US-10-485-360-26
; Sequence 26, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094WO
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 480
; TYPE: PRT
; ORGANISM: Artificial Sequence
; NAME/KEY: MISC FEATURE
; OTHER INFORMATION: Human IL2-human Lactadherin C1/C2 domain chimeric protein
US-10-485-360-26

Query Match
Best Local Similarity 100.0%; Score 54; DB 16; Length 480;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GLOHWVPEL 9
Db 182 GLOHWVPEL 190

RESULT 11
US-10-485-360-27
; Sequence 27, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094WO
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 27
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Artificial Sequence
; NAME/KEY: MISC FEATURE
; OTHER INFORMATION: Human IL2-human Lactadherin C1/C2 domain chimeric protein
US-10-485-360-27

Query Match
Best Local Similarity 100.0%; Score 54; DB 16; Length 498;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 GLOHWPBL 9
Db      200 GLOHWPBL 208

RESULT 12
US-10-485-360-30
; Sequence 30, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094W0
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ. ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ. ID NO 30
; LENGTH: 612
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MISC FEATURE
; OTHER INFORMATION: Human Lactadherin-human CD40L chimeric protein
US-10-485-360-30

Query Match      100.0%; Score 54; DB 16; Length 612;
Best Local Similarity 100.0%; Pred. No. 2,4; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GLOHWPBL 9
Db      97 GLOHWPBL 105

RESULT 13
US-10-093-463-132
; Sequence 132, Application US/10093463
; Publication No. US20030208039A1
; GENERAL INFORMATION:
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Shenoy, Suresh
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Gusev, Vladimir
; APPLICANT: Pochart, Pascal
; APPLICANT: Zhong, Mei
; APPLICANT: Rastelli, Luca
; APPLICANT: Mezes, Peter
; APPLICANT: Smithson, Glenda
; APPLICANT: Gerlach, Valerie
; APPLICANT: Casman, Stacie
; APPLICANT: Boldog, Ferenc
; APPLICANT: Li, Li
; APPLICANT: Zernusen, Bryan
; APPLICANT: Tchennev, Velizer
; APPLICANT: Gengoli, Bena
; APPLICANT: Verne, Corine
; APPLICANT: Pena, Carol
; APPLICANT: Burgess, Catherine
; APPLICANT: Liu, Xiaohong
; APPLICANT: Szytek, Kimberly
; APPLICANT: Gorman, Linda
; APPLICANT: Spaderna, Steven
; APPLICANT: Voss, Edward
; APPLICANT: Malyskar, Uriel
; APPLICANT: Anderson, David
; APPLICANT: Patlurajan, Meera
; APPLICANT: Miller, Charles
; APPLICANT: Raupler, Raymond J. Jr.
; TITLE OF INVENTION: No. US20030208039A1 Antibodies that Bind to Antigenic Polypepti
; TITLE OF INVENTION: Encoding The Antigens, and Methods of Use.
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```
; FILE REFERENCE: 21402-290A (Cura 590AT)
; CURRENT APPLICATION NUMBER: US/10/093,463
; CURRENT FILING DATE: 2002-06-24
; PRIOR APPLICATION NUMBER: 60/283,675
; PRIOR FILING DATE: 2001-04-14
; PRIOR APPLICATION NUMBER: 60/338,092
; PRIOR FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/274,281
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: 60/274,101
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: 60/325,681
; PRIOR FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 60/304,354
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 60/279,995
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: 60/294,899
; PRIOR FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: 60/287,424
; PRIOR FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: 60/299,027
; PRIOR FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: 60/309,198
; PRIOR FILING DATE: 2001-07-31
; PRIOR APPLICATION NUMBER: 60/281,194
; PRIOR FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 60/274,194
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: 60/274,849
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: 60/330,380
; PRIOR FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 60/275,235
; PRIOR FILING DATE: 2001-03-12
; PRIOR APPLICATION NUMBER: 60/288,342
; PRIOR FILING DATE: 2001-05-03
; PRIOR APPLICATION NUMBER: 60/275,578
; PRIOR FILING DATE: 2001-03-13
; NUMBER OF SEQ. ID NOS: 370
; SOFTWARE: PatentIn Ver. 2.1
; SEQ. ID NO 132
; LENGTH: 223
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-093-463-132

Query Match      77.8%; Score 42; DB 15; Length 223;
Best Local Similarity 77.8%; Pred. No. 81;
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1 GLOHWPBL 9
Db      209 GLPHWVPL 217

RESULT 14
US-10-093-463-130
; Sequence 130, Application US/10093463
; Publication No. US20030208039A1
; GENERAL INFORMATION:
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Shenoy, Suresh
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Gusev, Vladimir
; APPLICANT: Pochart, Pascal
; APPLICANT: Zhong, Mei
; APPLICANT: Rastelli, Luca
; APPLICANT: Mezes, Peter
; APPLICANT: Smithson, Glenda
; APPLICANT: Gerlach, Valerie
; APPLICANT: Casman, Stacie
```

APPLICANT: Boldog, Ferenc
APPLICANT: Li, Li
APPLICANT: Zerhusen, Bryan
APPLICANT: Tchernev, Velizar
APPLICANT: Gangolli, Esha
APPLICANT: Vernet, Corine
APPLICANT: Pena, Carol
APPLICANT: Burgess, Catherine
APPLICANT: Liu, Xiaohong
APPLICANT: Spytek, Kimberly
APPLICANT: Gorman, Linda
APPLICANT: Spaderna, Steven
APPLICANT: Voss, Edward
APPLICANT: Malyankar, Uriel
APPLICANT: Anderson, David
APPLICANT: Patturajan, Meera
APPLICANT: Miller, Charles
APPLICANT: Taupier, Raymond J. Jr.
TITLE OF INVENTION: No. US20030208039A1 Antibodies that Bind to Antigenic Polypeptide
FILE REFERENCE: 21402-290A (Cura 590AT)
CURRENT APPLICATION NUMBER: US/10/093,463
CURRENT FILING DATE: 2002-06-24
PRIOR APPLICATION NUMBER: 60/283,675
PRIOR FILING DATE: 2001-04-14
PRIOR APPLICATION NUMBER: 60/338,092
PRIOR FILING DATE: 2001-12-03
PRIOR APPLICATION NUMBER: 60/274,281
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: 60/274,101
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: 60/325,681
PRIOR FILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: 60/304,354
PRIOR FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: 60/279,995
PRIOR FILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: 60/294,899
PRIOR FILING DATE: 2001-05-31
PRIOR APPLICATION NUMBER: 60/287,424
PRIOR FILING DATE: 2001-04-30
PRIOR APPLICATION NUMBER: 60/299,027
PRIOR FILING DATE: 2001-06-18
PRIOR APPLICATION NUMBER: 60/309,198
PRIOR FILING DATE: 2001-07-31
PRIOR APPLICATION NUMBER: 60/281,194
PRIOR FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 60/274,194
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: 60/274,849
PRIOR FILING DATE: 2001-03-09
PRIOR APPLICATION NUMBER: 60/330,380
PRIOR FILING DATE: 2001-10-18
PRIOR APPLICATION NUMBER: 60/275,235
PRIOR FILING DATE: 2001-03-12
PRIOR APPLICATION NUMBER: 60/288,342
PRIOR FILING DATE: 2001-05-03
PRIOR APPLICATION NUMBER: 60/275,578
PRIOR FILING DATE: 2001-03-13
NUMBER OF SEQ ID NOS: 370
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 130
LENGTH: 307
TYPE: PRT
ORGANISM: Homo sapiens
US-10-093-463-130

Query Match 77.8%; Score 42; DB 15; Length 307;

Best Local Similarity 77.8%; Pred. No. 1,1e+02;

Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 GLOHWVPEL 9
||| |||||

Db 207 GLEHWVPEL 215

RESULT 15:
US-10-093-463-134

Sequence 134, Application US/10093463

Publication No. US20030208039A1

GENERAL INFORMATION:

APPLICANT: Padigaru, Muralidhara

APPLICANT: Shenoy, Suresh

APPLICANT: Kekuda, Ramesh

APPLICANT: Gusev, Vladimir

APPLICANT: Pochart, Pascal

APPLICANT: Zhong, Mei

APPLICANT: Rastelli, Luca

APPLICANT: Mezes, Peter

APPLICANT: Smithson, Glenda

APPLICANT: Guo, Xiaojia

APPLICANT: Gerlach, Valerie

APPLICANT: Casman, Stacie

APPLICANT: Boldog, Ferenc

APPLICANT: Li, Li

APPLICANT: Zerhusen, Bryan

APPLICANT: Tchernev, Velizar

APPLICANT: Gangolli, Esha

APPLICANT: Vernet, Corine

APPLICANT: Pena, Carol

APPLICANT: Burgess, Catherine

APPLICANT: Liu, Xiaohong

APPLICANT: Spytek, Kimberly

APPLICANT: Gorman, Linda

APPLICANT: Spaderna, Steven

APPLICANT: Voss, Edward

APPLICANT: Malyankar, Uriel

APPLICANT: Anderson, David

APPLICANT: Patturajan, Meera

APPLICANT: Miller, Charles

APPLICANT: Taupier, Raymond J. Jr.

TITLE OF INVENTION: No. US20030208039A1 Antibodies that Bind to Antigenic Polypeptide

FILE REFERENCE: 21402-290A (Cura 590AT)

CURRENT APPLICATION NUMBER: US/10/093,463

CURRENT FILING DATE: 2002-06-24

PRIOR APPLICATION NUMBER: 60/283,675

PRIOR FILING DATE: 2001-04-14

PRIOR APPLICATION NUMBER: 60/338,092

PRIOR FILING DATE: 2001-12-03

PRIOR APPLICATION NUMBER: 60/274,281

PRIOR FILING DATE: 2001-03-08

PRIOR APPLICATION NUMBER: 60/274,101

PRIOR FILING DATE: 2001-03-08

PRIOR APPLICATION NUMBER: 60/330,380

PRIOR FILING DATE: 2001-09-27

PRIOR APPLICATION NUMBER: 60/304,354

PRIOR FILING DATE: 2001-07-10

PRIOR APPLICATION NUMBER: 60/279,995

PRIOR FILING DATE: 2001-03-30

PRIOR APPLICATION NUMBER: 60/294,899

PRIOR FILING DATE: 2001-05-31

PRIOR APPLICATION NUMBER: 60/287,424

PRIOR FILING DATE: 2001-04-30

PRIOR APPLICATION NUMBER: 60/299,027

PRIOR FILING DATE: 2001-06-18

PRIOR APPLICATION NUMBER: 60/309,198

PRIOR FILING DATE: 2001-07-31

PRIOR APPLICATION NUMBER: 60/281,194

PRIOR FILING DATE: 2001-04-04

PRIOR APPLICATION NUMBER: 60/274,194

PRIOR FILING DATE: 2001-03-08

PRIOR APPLICATION NUMBER: 60/274,849

PRIOR FILING DATE: 2001-03-09

PRIOR APPLICATION NUMBER: 60/330,380

PRIOR FILING DATE: 2001-10-18

Fri Nov 18 11:58:49 2005

us-09-744-804a-39.rapb

Page 6

; PRIOR APPLICATION NUMBER: 60/275,235
; PRIOR FILING DATE: 2001-03-12
; PRIOR APPLICATION NUMBER: 60/288,342
; PRIOR FILING DATE: 2001-05-03
; PRIOR APPLICATION NUMBER: 60/275,578
; PRIOR FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 370
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 134
; LENGTH: 307
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-093-463-134

Query Match 77.84; Score 42; DB 15; Length 307;
Best Local Similarity 77.84; Pred No: 1.1e+02;
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 GLOHWPEL 9
DB 207 GLPHWVPAL 215

Search completed: November 17, 2005, 21:24:20
Job time: 73.8571 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 17, 2005, 20:09:43 ; Search time 20.1429 Seconds
(without alignments)
33.354 Million cell updates/sec

Title: US-09-744-804A-40

Perfect score: 43

Sequence: 1 VQFVASYKV 9

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Gapop 10.0 , Gapext 0.5

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Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	43	100.0	85	2	US-08-480-229C-2
2	43	100.0	85	2	US-08-659-235C-2
3	43	100.0	159	2	US-08-162-402B-12
4	43	100.0	217	1	US-07-607-538C-3
5	43	100.0	217	2	US-08-162-402B-3
6	43	100.0	217	4	US-09-364-185-3
7	43	100.0	218	1	US-07-607-538C-2
8	43	100.0	218	2	US-08-162-402B-2
9	43	100.0	218	4	US-09-364-185-2
10	43	100.0	387	2	US-08-162-402B-6
11	43	100.0	465	2	US-08-162-402B-8
12	36	83.7	321	2	US-08-480-229C-21
13	36	83.7	321	2	US-08-659-235C-21
14	36	83.7	448	4	US-09-949-016-10130
15	36	83.7	480	4	US-08-480-229C-10
16	36	83.7	480	2	US-08-659-235C-10
17	36	83.7	513	2	US-08-480-229C-14
18	36	83.7	513	2	US-08-659-235C-14
19	34	79.1	109	1	US-08-111-939-25
20	34	79.1	157	2	US-08-162-402B-13
21	34	79.1	320	2	US-08-480-229C-20
22	34	79.1	320	2	US-08-659-235C-20
23	34	79.1	463	2	US-08-162-402B-9
24	33	76.7	533	4	US-09-508-370A-6
25	32	74.4	131	4	US-09-270-767-58626
26	32	74.4	227	4	US-09-270-767-43285
27	31	72.1	288	4	US-09-543-681A-5794

28	30	69.8	146	4	US-09-270-767-32483	Sequence 32483, A
29	30	69.8	146	4	US-09-270-767-47700	Sequence 47700, A
30	30	69.8	211	4	US-09-328-352-6095	Sequence 6095, Ap
31	30	69.8	285	4	US-09-543-681A-7666	Sequence 7666, Ap
32	30	69.8	331	4	US-09-328-352-6515	Sequence 6515, Ap
33	30	69.8	490	4	US-09-543-681A-5034	Sequence 5034, Ap
34	29	67.4	65	4	US-09-540-236-3132	Sequence 3132, Ap
35	29	67.4	85	2	US-08-480-229C-1	Sequence 1, Appli
36	29	67.4	85	2	US-08-480-229C-5	Sequence 5, Appli
37	29	67.4	85	2	US-08-480-229C-7	Sequence 7, Appli
38	29	67.4	85	2	US-08-480-229C-7	Sequence 8, Appli
39	29	67.4	85	2	US-08-659-235C-1	Sequence 1, Appli
40	29	67.4	85	2	US-08-659-235C-5	Sequence 5, Appli
41	29	67.4	85	2	US-08-659-235C-7	Sequence 7, Appli
42	29	67.4	85	2	US-08-659-235C-8	Sequence 8, Appli
43	29	67.4	104	1	US-08-111-939-25	Sequence 26, Appli
44	29	67.4	108	2	US-08-162-402B-27	Sequence 27, Appli
45	29	67.4	156	2	US-08-162-402B-18	Sequence 18, Appli

ALIGNMENTS

RESULT 1
US-08-480-229C-2
; Sequence 2, Application US/08480229C
; Patent No. 5874562
; GENERAL INFORMATION:
; APPLICANT: Queternous, Thomas
; APPLICANT: Hogan, Brigld
; APPLICANT: Snodgrass, H. Ralph
; APPLICANT: Zupancic, Thomas J.
; TITLE OF INVENTION: DEVELOPMENTALLY-REGULATED ENDOTHELIAL
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESS: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,229C
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Poissant, Brian M.
; REGISTRATION NUMBER: 28,462
; REFERENCE/DOCKET NUMBER: 8907-0026-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864/9741
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 85 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; US-08-480-229C-2

Query Match 100.0%; Score 43; DB 2; Length 85;
Best Local Similarity 100.0%; Pred. No. 0.072;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 VQFVASYKV 9

Db 24 VQFVASYKV 32

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RESULT 2
US-08-659-235C-2
; Sequence 2, Application US/08659235C
; Patent No. 5877281
; GENERAL INFORMATION:
; APPLICANT: Quertermous, Thomas
; APPLICANT: Hogan, Bridgid
; APPLICANT: Snodgrass, H. Ralph
; APPLICANT: Zupancic, Thomas J.
; TITLE OF INVENTION: DEVELOPMENTALLY-REGULATED ENDOTHELIAL
; TITLE OF INVENTION: CELL LOCUS-1
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESS: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/659,235C
; FILING DATE: 05-JUN-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Dolissant, Brian M.
; REGISTRATION NUMBER: 28,462
; REFERENCE/DOCKET NUMBER: 8907-0034-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 900-9090
; TELEFAX: (212) 869-8864/9741
; TELEX: 66141 Pennie
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 85 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; US-08-659-235C-2

Query Match 100.0%; Score 43; DB 2; Length 85;
Beat Local Similarity 100.0%; Pred. No. 0.072;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VQFVASYKV 9
Db 24 VQFVASYKV 32

RESULT 3
US-08-162-402B-12
; Sequence 12, Application US/08162402B
; Patent No. 5972337
; GENERAL INFORMATION:
; APPLICANT: CERIANI, ROBERTO L.
; APPLICANT: PETERSON, JERRY A.
; APPLICANT: LARROCCA, DAVID J.
; TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
; TITLE OF INVENTION: GLOBULIN (HMF) ANTIGEN, FRAGMENTS & FUSION PROTEIN
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESS: Pretty, Schroeder & Poplawski
; STREET: 444 South Flower St., 19th Floor
; CITY: Los Angeles

```

```

; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/162,402B
; FILING DATE: 03-DEC-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: P66 38215
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213-622-7700
; TELEFAX: 213-489-4210
; TELEX:
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 159 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; US-08-162-402B-12

Query Match 100.0%; Score 43; DB 2; Length 159;
Beat Local Similarity 100.0%; Pred. No. 0.14;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VQFVASYKV 9
Db 85 VQFVASYKV 93

```

```

RESULT 4
US-07-607-538C-3
; Sequence 3, Application US/07607538C
; Patent No. 5455031
; GENERAL INFORMATION:
; APPLICANT: Ceriani Dr., Roberto L.
; APPLICANT: Peterson Dr., Jerry A.
; APPLICANT: Larocca, David J.
; TITLE OF INVENTION: POLYPEPTIDE WITH 46
; TITLE OF INVENTION: DIFFERENTIATION ANTIGEN BINDING SPECIFICITY AND CLOTTING
; TITLE OF INVENTION: FACTORS V AND VIII LIGHT-CHAIN HOMOLOGIES,
; TITLE OF INVENTION: FUSION PROTEIN, POLYNUCLEOTIDE AND POLYRIBO-
; TITLE OF INVENTION: NUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-
; TITLE OF INVENTION: POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESS: V. Amzel & Assoc.
; STREET: 2055 No. 5455031th Broadway
; CITY: Walnut Creek
; STATE: California
; COUNTRY: USA
; ZIP: 94596
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/607,538C
; FILING DATE: 01-NOV-1990
; CLASSIFICATION: 435

```

ATTORNEY/AGENT INFORMATION:
NAME: Viviana Amzel
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: CRFC-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 943-1931
TELEFAX: (510) 943-1189
TELEX: N.A.
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 217 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE:
US-07-607-538C-3

Query Match 100.0%; Score 43; DB 1; Length 217;
Best Local Similarity 100.0%; Pred. No. 0.19;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VQFVASYKV 9
|||||
Db 143 VQFVASYKV 151

RESULT 5
US-08-162-402B-3
Sequence 3, Application US/08162402B
Patent No. 5972337
GENERAL INFORMATION:
APPLICANT: CERIANI, ROBERTO L.
APPLICANT: PETERSON, JERRY A.
APPLICANT: LAROCCA, DAVID J.
TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
TITLE OF INVENTION: GLOBULIN (HMPG) ANTIGEN, FRAGMENTS & FUSION PROTEIN
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretly, Schroeder & Poplawski
STREET: 444 South Flower St., 19th Floor
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/162,402B
FILING DATE: 03-DEC-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: P66 38215
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213-622-7700
TELEFAX: 213-489-4210
TELEX:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 217 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: peptide
US-08-162-402B-3

Query Match 100.0%; Score 43; DB 2; Length 217;
Best Local Similarity 100.0%; Pred. No. 0.19;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VQFVASYKV 9
|||||
Db 143 VQFVASYKV 151

RESULT 6
US-09-364-185-3
Sequence 3, Application US/09364185
Patent No. 6596928
GENERAL INFORMATION:
APPLICANT: Ceriani, Roberto L.
APPLICANT: Peterson, Jerry A.
APPLICANT: LaroCCA, David J.
TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDALTON
TITLE OF INVENTION: KIT & METHODS
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Ratner & Prestia
STREET: Suite 301
STREET: One Westlakes, Beryyn
CITY: Valley Forge
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19482
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 3.5"
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
SOFTWARE: Version #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/364,185
FILING DATE: June 7, 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: CRFC-046
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 407-0700
TELEFAX: (610) 407-0701
TELEX: N.A.
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 217
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE:
US-09-364-185-3

Query Match 100.0%; Score 43; DB 4; Length 217;
Best Local Similarity 100.0%; Pred. No. 0.19;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VQFVASYKV 9
|||||
Db 143 VQFVASYKV 151

RESULT 7
US-07-607-538C-2
Sequence 2, Application US/07607538C
Patent No. 5455031
GENERAL INFORMATION:
APPLICANT: Ceriani Dr., Roberto L.
APPLICANT: Peterson Dr., Jerry A.

APPLICANT: LARocca, David J.
TITLE OF INVENTION: POLYPEPTIDE WITH 46
TITLE OF INVENTION: DIFFERENTIATION ANTIGEN BINDING SPECIFICITY AND CLOTTING
TITLE OF INVENTION: FACTORS V AND VIII LIGHT-CHAIN HOMOLOGUES
TITLE OF INVENTION: FUSION PROTEIN POLYNUCLEOTIDE AND POLYRIBO-
TITLE OF INVENTION: NUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-
TITLE OF INVENTION: POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: V. Amzel & Assoc.
STREET: 2055 No. 5455031th Broadway
CITY: Walnut Creek
STATE: California
COUNTRY: USA
ZIP: 94596
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/607,538C
FILING DATE: 01-NOV-1990
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Viviana Amzel
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: CRECC-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 943-1931
TELEFAX: (510) 943-1169
TELEX: N.A.
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE:
US-07-607-538C-2

Query Match 100.0%; Score 43; DB 1; Length 218;
Best Local Similarity 100.0%; Pred. No. 0.19; 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0

QY 1 VOFVASYKV 9
DB 144 VOFVASYKV 152

RESULT 8
US-08-162-402B-2
Sequence 2, Application US/08162402B
PATENT NO. 5912317
GENERAL INFORMATION:
APPLICANT: CERINI, ROBERTO L.
APPLICANT: PETERSON, JERRY A.
APPLICANT: LARocca, David J.
TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
TITLE OF INVENTION: GLOBULIN (HMF) ANTIGEN, FRAGMENTS & FUSION PROTEIN
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Preetly, Schroeder & Poplawski
STREET: 444 South Flower St., 19th Floor
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS
SOFTWARE: PatSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/162,402B
FILING DATE: 03-DEC-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: P66 38215
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213-622-7700
TELEFAX: 213-489-4210
TELEX:
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: peptide
US-08-162-402B-2

Query Match 100.0%; Score 43; DB 2; Length 218;
Best Local Similarity 100.0%; Pred. No. 0.19; 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0

QY 1 VOFVASYKV 9
DB 144 VOFVASYKV 152

RESULT 9
US-09-364-185-2
Sequence 2, Application US/09364185
PATENT NO. 658928
GENERAL INFORMATION:
APPLICANT: CERINI, ROBERTO L.
APPLICANT: PETERSON, JERRY A.
APPLICANT: LARocca, David J.
TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDALTON
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Ratner & Preetly
STREET: Suite 301
STREET: One Westlakes, Beryn
CITY: Valley Forge
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19482
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 3.5"
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
SOFTWARE: PatentIn #1.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/364,185
FILING DATE: June 7, 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: CRECC-046
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 407-0700
TELEFAX: (610) 407-0701
TELEX: N.A.
INFORMATION FOR SEQ ID NO: 2:


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; SEQUENCE CHARACTERISTICS:
;   LENGTH: 218 amino acids
;   TYPE: amino acid
;   STRANDEDNESS:
;   TOPOLOGY: linear
;   MOLECULE TYPE: protein
;   FRAGMENT TYPE:
US-09-364-185-2

Query Match          100.0%; Score 43; DB 4; Length 218;
Best Local Similarity 100.0%; Pred. No. 0.19;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VQFVASYKV 9
    |||||
Db 144 VQFVASYKV 152

RESULT 10
US-08-162-402B-6
; Sequence 6, Application US/08162402B
; Patent No. 5972337
; GENERAL INFORMATION:
;   APPLICANT: CERIANI, ROBERTO L.
;   APPLICANT: PETERSON, JERRY A.
;   APPLICANT: LARROCCA, DAVID J.
;   TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
;   TITLE OF INVENTION: GLOBULIN (HMF) ANTIGEN, FRAGMENTS & FUSION PROTEIN
;   NUMBER OF SEQUENCES: 29
;   CORRESPONDENCE ADDRESS:
;   ADDRESS: Pretty, Schroeder & Poplawski
;   STREET: 444 South Flower St., 19th Floor
;   CITY: Los Angeles
;   STATE: CA
;   COUNTRY: USA
;   ZIP: 90071
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE: Diskette
;   COMPUTER: IBM Compatible
;   OPERATING SYSTEM: DOS
;   SOFTWARE: FASTSEQ for Windows Version 2.0
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/08/162,402B
;   FILING DATE: 03-DEC-1993
;   CLASSIFICATION: 435
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER:
;   FILING DATE:
;   ATTORNEY/AGENT INFORMATION:
;   NAME: Amzel, Viviana
;   REGISTRATION NUMBER: 30,930
;   REFERENCE/DOCKET NUMBER: P66 38215
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: 213-622-7700
;   TELEFAX: 213-489-4210
;   TELEX:
;   INFORMATION FOR SEQ ID NO: 6:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH: 387 amino acids
;   TYPE: amino acid
;   STRANDEDNESS: unknown
;   TOPOLOGY: unknown
;   MOLECULE TYPE: peptide
US-08-162-402B-6

Query Match          100.0%; Score 43; DB 2; Length 387;
Best Local Similarity 100.0%; Pred. No. 0.35;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VQFVASYKV 9
    |||||
Db 313 VQFVASYKV 321
```

```

RESULT 11
US-08-162-402B-8
; Sequence 8, Application US/08162402B
; Patent No. 5972337
; GENERAL INFORMATION:
;   APPLICANT: CERIANI, ROBERTO L.
;   APPLICANT: PETERSON, JERRY A.
;   APPLICANT: LARROCCA, DAVID J.
;   TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
;   TITLE OF INVENTION: GLOBULIN (HMF) ANTIGEN, FRAGMENTS & FUSION PROTEIN
;   NUMBER OF SEQUENCES: 29
;   CORRESPONDENCE ADDRESS:
;   ADDRESS: Pretty, Schroeder & Poplawski
;   STREET: 444 South Flower St., 19th Floor
;   CITY: Los Angeles
;   STATE: CA
;   COUNTRY: USA
;   ZIP: 90071
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE: Diskette
;   COMPUTER: IBM Compatible
;   OPERATING SYSTEM: DOS
;   SOFTWARE: FASTSEQ for Windows Version 2.0
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/08/162,402B
;   FILING DATE: 03-DEC-1993
;   CLASSIFICATION: 435
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER:
;   FILING DATE:
;   ATTORNEY/AGENT INFORMATION:
;   NAME: Amzel, Viviana
;   REGISTRATION NUMBER: 30,930
;   REFERENCE/DOCKET NUMBER: P66 38215
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: 213-622-7700
;   TELEFAX: 213-489-4210
;   TELEX:
;   INFORMATION FOR SEQ ID NO: 8:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH: 465 amino acids
;   TYPE: amino acid
;   STRANDEDNESS: unknown
;   TOPOLOGY: unknown
;   MOLECULE TYPE: peptide
US-08-162-402B-8

Query Match          100.0%; Score 43; DB 2; Length 465;
Best Local Similarity 100.0%; Pred. No. 0.43;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VQFVASYKV 9
    |||||
Db 391 VQFVASYKV 399

RESULT 12
US-08-480-229C-21
; Sequence 21, Application US/08480229C
; Patent No. 5874562
; GENERAL INFORMATION:
;   APPLICANT: Queternous, Thomas
;   APPLICANT: Hogan, Bridgid
;   APPLICANT: Snodgrass, H. Ralph
;   APPLICANT: Zupancic, Thomas J.
;   TITLE OF INVENTION: DEVELOPMENTALLY-REGULATED ENDOTHELIAL
;   TITLE OF INVENTION: CELL LOCUS-1
;   NUMBER OF SEQUENCES: 29
;   CORRESPONDENCE ADDRESS:
;   ADDRESS: Pennie & Edmonds LLP
;   STREET: 1155 Avenue of the Americas
;   CITY: New York
```

STATE: New York
COUNTRY: United States
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,229C
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Poissant, Brian M.
REGISTRATION NUMBER: 28,462
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 869-8864/9741
TELEFAX: (212) 869-8864/9741
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 321 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-480-229C-21

Query Match 83.7%; Score 36; DB 2; Length 321;
Best Local Similarity 77.8%; Pred. No. 8.7;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 VQFVASYKV 9
DB 246 VQFVGSYKL 254

RESULT 13
US-08-659-235C-21
Sequence 21, Application US/08659235C
Patent No. 5877281
GENERAL INFORMATION:
APPLICANT: Quetternous, Thomas
APPLICANT: Hogan, Bridgid
APPLICANT: Snodgrass, H. Ralph
APPLICANT: Zupancic, Thomas J.
TITLE OF INVENTION: DEVELOPMENTALLY-REGULATED ENDOTHELIAL
TITLE OF INVENTION: CELL LOCUS-1
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSES: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/659,235C
FILING DATE: 05-JUN-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Poissant, Brian M.
REGISTRATION NUMBER: 28,462
REFERENCE/DOCKET NUMBER: 8907-0034-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741

TELEX: 66141 Pennie
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 321 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-659-235C-21

Query Match 83.7%; Score 36; DB 2; Length 321;
Best Local Similarity 77.8%; Pred. No. 8.7;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 VQFVASYKV 9
DB 246 VQFVGSYKL 254

RESULT 14
US-09-949-016-10130
Sequence 10130, Application US/09949016
Patent No. 6812335
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
FILE REFERENCE: C1001307
CURRENT FILING DATE: 2000-04-14
PRIOR FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-06
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 10130
LENGTH: 448
TYPE: PRT
ORGANISM: Human
US-09-949-016-10130

Query Match 83.7%; Score 36; DB 4; Length 448;
Best Local Similarity 77.8%; Pred. No. 12;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 VQFVASYKV 9
DB 370 VQFVGSYKL 378

RESULT 15
US-08-480-229C-10
Sequence 10, Application US/08480229C
Patent No. 5874562
GENERAL INFORMATION:
APPLICANT: Quetternous, Thomas
APPLICANT: Hogan, Bridgid
APPLICANT: Snodgrass, H. Ralph
APPLICANT: Zupancic, Thomas J.
TITLE OF INVENTION: DEVELOPMENTALLY-REGULATED ENDOTHELIAL
TITLE OF INVENTION: CELL LOCUS-1
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSES: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States
ZIP: 10036-2711
COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,229C
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Poissant, Brian M.
REGISTRATION NUMBER: 28,462
REFERENCE/DOCKET NUMBER: 8907-0026-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741
TELEX: 66141 Pennie
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 480 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-480-229C-10

Query Match 83.7%; Score 36; DB 2; Length 480;
Best Local Similarity 77.8%; Pred. No. 13;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 1 VQFVASYKV 9
||| |
Db 402 VQFVGSYKL 410

Search completed: November 17, 2005, 20:42:19
Job time : 21.1429 secs

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OM protein - protein search, using sw model

Run on: November 17, 2005, 20:38:09 ; Search time 72.8571 Seconds
(without alignments)
51.686 Million cell updates/sec

Title: US-09-744-804A-40

Perfect score: 43

Sequence: 1 VQFVASYKYV 9

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1867879 seqs, 418409474 residues 1867879

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published_Applications_AA:*

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2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*

4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*

5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*

6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*

7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	43	100.0	217	US-10-038-252-3	Sequence 3, Appli
2	43	100.0	218	US-10-038-252-2	Sequence 2, Appli
3	43	100.0	320	US-10-485-360-24	Sequence 25, Appli
4	43	100.0	340	US-10-485-360-25	Sequence 26, Appli
5	43	100.0	343	US-10-190-593-2	Sequence 2, Appli
6	43	100.0	379	US-10-108-260A-3405	Sequence 3405, Ap
7	43	100.0	387	US-10-190-593-4	Sequence 4, Appli
8	43	100.0	387	US-10-873-900-2	Sequence 2, Appli
9	43	100.0	395	US-10-485-360-7	Sequence 7, Appli
10	43	100.0	480	US-10-485-360-26	Sequence 26, Appli
11	43	100.0	498	US-10-485-360-27	Sequence 27, Appli

12	43	100.0	612	US-10-485-360-30	Sequence 30, Appli
13	36	83.7	52	US-09-864-761-42429	Sequence 42429, A
14	36	83.7	52	US-09-864-761-43227	Sequence 43227, A
15	36	83.7	138	US-10-424-599-150551	Sequence 150551, A
16	36	83.7	480	US-10-177-293-122	Sequence 122, App
17	36	83.7	721	US-10-120-907A-5	Sequence 5, Appli
18	36	83.7	721	US-10-120-907A-25	Sequence 25, Appli
19	36	83.7	721	US-10-120-907A-43	Sequence 43, Appli
20	36	83.7	721	US-10-120-907A-65	Sequence 65, Appli
21	36	83.7	721	US-10-120-907A-67	Sequence 67, Appli
22	35	81.4	124	US-10-282-122A-47328	Sequence 47328, A
23	35	81.4	149	US-10-282-122A-49857	Sequence 49857, A
24	34	79.1	150	US-10-282-122A-50483	Sequence 50483, A
25	34	79.1	434	US-10-485-360-10	Sequence 10, Appli
26	34	79.1	463	US-10-873-900-4	Sequence 4, Appli
27	33	76.7	1126	US-10-437-963-200223	Sequence 200223, A
28	32	74.4	474	US-10-369-493-2299	Sequence 2299, Ap
29	32	74.4	483	US-11-097-143-23751	Sequence 23751, A
30	32	74.4	610	US-11-097-143-31947	Sequence 31947, A
31	32	74.4	663	US-09-797-207-4	Sequence 4, Appli
32	32	74.4	663	US-10-445-318-4	Sequence 4, Appli
33	31	72.1	79	US-10-424-599-284977	Sequence 284977, A
34	31	72.1	86	US-10-425-115-226507	Sequence 226507, A
35	31	72.1	92	US-10-437-963-152776	Sequence 152776, A
36	31	72.1	154	US-10-424-599-247257	Sequence 247257, A
37	31	72.1	279	US-10-097-111-3	Sequence 3, Appli
38	31	72.1	1226	US-10-369-493-1078	Sequence 1078, Ap
39	30	69.8	43	US-10-016-349A-147	Sequence 147, App
40	30	69.8	50	US-10-424-599-246629	Sequence 246629, A
41	30	69.8	85	US-10-425-115-288075	Sequence 288075, A
42	30	69.8	129	US-10-108-260A-4374	Sequence 4374, Ap
43	30	69.8	129	US-10-108-260A-4390	Sequence 4390, Ap
44	30	69.8	129	US-10-108-260A-4453	Sequence 4453, Ap
45	30	69.8	134	US-11-097-143-13920	Sequence 13920, A

ALIGNMENTS

RESULT 1

US-10-038-252-3

Sequence 3, Application US/10038252

Publication No. US20040076629A1

GENERAL INFORMATION:

APPLICANT: Ceriani, Roberto L.

Peterson, Jerry A.

Latocca, David J.

TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDALTON HMFG

DIFFERENTIATION ANTIGEN BINDING

SPECIFICITY, COMPOSITION, KIT & METHODS

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESS: V. Amzel & Assoc.

STREET: P.O.Box 159

CITY: Gladwyne

STATE: Pennsylvania

COUNTRY: USA

ZIP: 19035

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk 3.5"

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS 5.0

SOFTWARE: Patentin #1.0,

Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/038,252

FILING DATE: 02-Jan-2002

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Amzel, Viviana

REGISTRATION NUMBER: 30,930

REFERENCE/DOCKET NUMBER: CRFC-047

TELECOMMUNICATION INFORMATION:

TELEPHONE: 610-649-0609
TELEFAX: 240-359-0299
TELEX: N.A.
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 217
TYPE: amino acid
STRANDEDNESS: <Unknown>
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: <Unknown>
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-10-038-252-3

Query Match 100.0%; Score 43; DB 15; Length 217;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VQFVASYKV 9
DB 143 VQFVASYKV 151

RESULT 2
US-10-038-252-2
Sequence 2, Application US/10038252
Publication No. US20040076629A1
GENERAL INFORMATION:
APPLICANT: Ceriani, Roberto L.
Peterson, Jerry A.
Larocca, David J.
TITLE OF INVENTION: FUSION PROTEIN WITH 46 KDALTON HMF
DIFFERENTIATION ANTIGEN BINDING
SPECIFICITY, COMPOSITION, KIT & METHODS
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESSES:
ADDRESSEE: V. Amzel & Assoc.
STREET: P.O. Box 159
CITY: Gladwyne
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19035
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 3.5"
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS 5.0
SOFTWARE: Patentin #1.0,
Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/038,252
FILING DATE: 02-Jan-2002
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,330
REFERENCE/DOCKET NUMBER: CRFC-047
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-649-0609
TELEFAX: 240-359-0299
TELEX: N.A.
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: amino acid
STRANDEDNESS: <Unknown>
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: <Unknown>
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-038-252-2

Query Match 100.0%; Score 43; DB 15; Length 218;
Best Local Similarity 100.0%; Pred. No. 1.1;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 VQFVASYKV 9
DB 144 VQFVASYKV 152

RESULT 3
US-10-485-360-24
Sequence 24, Application US/10485360
Publication No. US20040197314A1
GENERAL INFORMATION:
APPLICANT: Delcayre, Alain
Le Pecq, Jean-Bernard
TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
FILE REFERENCE: B0094W0
CURRENT APPLICATION NUMBER: US/10/485,360
CURRENT FILING DATE: 2004-01-30
NUMBER OF SEQ ID NOS: 30
SOFTWARE: Patentin version 3.1
SEQ ID NO 24
LENGTH: 320
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: MISC FEATURE
OTHER INFORMATION: Human IL2-human Lactadherin C2 domain chimeric protein
US-10-485-360-24

Query Match 100.0%; Score 43; DB 16; Length 320;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VQFVASYKV 9
DB 238 VQFVASYKV 246

RESULT 4
US-10-485-360-25
Sequence 25, Application US/10485360
Publication No. US20040197314A1
GENERAL INFORMATION:
APPLICANT: Delcayre, Alain
Le Pecq, Jean-Bernard
TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
FILE REFERENCE: B0094W0
CURRENT APPLICATION NUMBER: US/10/485,360
CURRENT FILING DATE: 2004-01-30
NUMBER OF SEQ ID NOS: 30
SOFTWARE: Patentin version 3.1
SEQ ID NO 25
LENGTH: 340
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: MISC FEATURE
OTHER INFORMATION: Human IL2-human Lactadherin C2 domain chimeric protein
US-10-485-360-25

Query Match 100.0%; Score 43; DB 16; Length 340;
Best Local Similarity 100.0%; Pred. No. 1.7;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VQFVASYKV 9
DB 258 VQFVASYKV 266

RESULT 5
US-10-190-593-2
Sequence 2, Application US/10190593
Publication No. US20030022221A1

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; GENERAL INFORMATION:
; APPLICANT: LANGIT, Emanuel et al.
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
; FILE REFERENCE: CL001246
; CURRENT APPLICATION NUMBER: US/10/190,593
; CURRENT FILING DATE: 2002-07-09
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 343
; TYPE: PRT
; ORGANISM: Human
US-10-190-593-2

Query Match          100.0%; Score 43; DB 14; Length 343;
Best Local Similarity 100.0%; Pred. No. 1.7;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 VQFVASYKV 9
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Db      269 VQFVASYKV 277

RESULT 6
US-10-108-260A-3405
; Sequence 3405, Application US/10108260A
; Publication No. US20040005560A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20040005560A1 full length cDNA
; FILE REFERENCE: H1-A0106
; CURRENT APPLICATION NUMBER: US/10/108,260A
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 5458
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3405
; LENGTH: 379
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-108-260A-3405

Query Match          100.0%; Score 43; DB 15; Length 379;
Best Local Similarity 100.0%; Pred. No. 1.9;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 VQFVASYKV 9
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Db      305 VQFVASYKV 313

RESULT 7
US-10-190-593-4
; Sequence 4, Application US/10190593
; Publication No. US20030022221A1
; GENERAL INFORMATION:
; APPLICANT: LANGIT, Emanuel et al.
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
; FILE REFERENCE: CL001246
; CURRENT APPLICATION NUMBER: US/10/190,593
; CURRENT FILING DATE: 2002-07-09
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 387
; TYPE: PRT
; ORGANISM: Human
US-10-190-593-4

Query Match          100.0%; Score 43; DB 14; Length 387;
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Best Local Similarity 100.0%; Pred. No. 1.9;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 VQFVASYKV 9
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Db      313 VQFVASYKV 321

RESULT 8
US-10-873-900-2
; Sequence 2, Application US/10873900
; Publication No. US20040241179A1
; GENERAL INFORMATION:
; APPLICANT: Institute National De La Sante Et De La Recherche Medicale
; APPLICANT: Raposo, Graca
; APPLICANT: Amigorena, Sebastian
; APPLICANT: Thery, Clotilde
; TITLE OF INVENTION: Compositions and Methods Using Lactadherin Or Variants Thereof
; FILE REFERENCE: 70215.4003 KTM
; CURRENT APPLICATION NUMBER: US/10/873,900
; CURRENT FILING DATE: 2004-06-21
; PRIOR APPLICATION NUMBER: US 09/582,340
; PRIOR FILING DATE: 1999-11-23
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 387
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-873-900-2

Query Match          100.0%; Score 43; DB 16; Length 387;
Best Local Similarity 100.0%; Pred. No. 1.9;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 VQFVASYKV 9
        |||||
Db      313 VQFVASYKV 321

RESULT 9
US-10-485-360-7
; Sequence 7, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094W0
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 395
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-485-360-7

Query Match          100.0%; Score 43; DB 16; Length 395;
Best Local Similarity 100.0%; Pred. No. 2;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 VQFVASYKV 9
        |||||
Db      313 VQFVASYKV 321

RESULT 10
US-10-485-360-26
; Sequence 26, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
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; APPLICANT: Delcayre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B009440
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 26
; LENGTH: 480
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MISC FEATURE
; OTHER INFORMATION: Human IL2-human Lactadherin C1/C2 domain chimeric protein
US-10-485-360-26

Query Match          100.0%; Score 43; DB 16; Length 480;
Best Local Similarity 100.0%; Pred. No. 2.4;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VOFVASYKV 9
DB 398 VOFVASYKV 406

RESULT 11
US-10-485-360-27
; Sequence 27, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B009440
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 27
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MISC FEATURE
; OTHER INFORMATION: Human IL2-human Lactadherin C1/C2 domain chimeric protein
US-10-485-360-27

Query Match          100.0%; Score 43; DB 16; Length 498;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VOFVASYKV 9
DB 416 VOFVASYKV 424

RESULT 12
US-10-485-360-30
; Sequence 30, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B009440
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 30
; LENGTH: 612
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC008430.3

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; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MISC FEATURE
; OTHER INFORMATION: Human Lactadherin-human CD40L chimeric protein
US-10-485-360-30

Query Match          100.0%; Score 43; DB 16; Length 612;
Best Local Similarity 100.0%; Pred. No. 3.1;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VOFVASYKV 9
DB 313 VOFVASYKV 321

RESULT 13
US-09-864-761-42429
; Sequence 42429, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wenaheng
; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
; FILE REFERENCE: Aecmica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO: 42429
; LENGTH: 52
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC008430.3

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OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.3
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.5
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 2.2
OTHER INFORMATION: EXPRESSED IN HEPA, SIGNAL = 2.4
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 2.3
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.5
OTHER INFORMATION: EST HUMAN HIT: AW965338.1, EVALUATE 9.00e-25
OTHER INFORMATION: SWISSPROT HIT: P70490, EVALUATE 3.00e-13
US-09-864-761-42429

Query Match 83.7%; Score 36; DB 9; Length 52;
Best Local Similarity 77.8%; Pred. No. 6.7;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 QFVASYKV 9
DB 23 QFVASYKV 31

RESULT 14

US-09-864-761-43227
Sequence 43227, Application US/09864761
Patent No. US2002048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wenheing
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aecmica-X-1
CURRENT FILING DATE: US/09/864,761
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 43227

LENGTH: 52
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AC008430.2
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.1
OTHER INFORMATION: SWISSPROT HIT: P70490, EVALUATE 3.00e-13
OTHER INFORMATION: EST_HUMAN HIT: AW965338.1, EVALUATE 6.00e-25
US-09-864-761-43227

Query Match 83.7%; Score 36; DB 9; Length 52;
Best Local Similarity 77.8%; Pred. No. 6.7;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 QFVASYKV 9
DB 23 QFVASYKV 31

RESULT 15

US-10-424-599-150551
Sequence 150551, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
FILE REFERENCE: 38-21(53223)B
CURRENT FILING DATE: US/10/424,599
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 150551
LENGTH: 138
TYPE: PRT
ORGANISM: Glycine max
FEATURE:
NAME/KEY: unsure
LOCATION/NO: (1)..(138)
OTHER INFORMATION: unsure at all Xaa locations
FEATURE:
OTHER INFORMATION: Clone ID: PAT_MRT3847_106972C.1.pep
US-10-424-599-150551

Query Match 83.7%; Score 36; DB 15; Length 138;
Best Local Similarity 87.5%; Pred. No. 18;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 QFVASYKV 9
DB 4 EFVASYKV 11

Search completed: November 17, 2005, 21:24:20
Job time : 72.8571 secs

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OM protein - protein search, using sw model

Run on: November 17, 2005, 20:09:43 ; Search time 20.1429 Seconds
(without alignments)
33.354 Million cell updates/sec

Title: US-09-744-804A-41
Perfect score: 44
Sequence: 1 RLIALCGA 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	44	100.0	387	2	US-08-162-402B-6
2	44	100.0	465	2	US-08-162-402B-8
3	37	84.1	463	2	US-08-162-402B-9
4	36	81.8	159	4	US-09-252-991A-22210
5	36	81.8	290	4	US-09-252-991A-31976
6	36	81.8	355	3	US-08-890-719-11
7	36	81.8	355	3	US-08-890-719-13
8	35	79.5	446	4	US-09-252-991A-23809
9	34	77.3	295	4	US-09-893-737-324
10	34	77.3	573	4	US-09-902-540-13543
11	33	75.0	95	4	US-09-270-767-34291
12	33	75.0	95	4	US-09-270-767-49508
13	33	75.0	211	4	US-09-543-681A-6034
14	33	75.0	252	4	US-09-489-039A-10173
15	33	75.0	295	4	US-09-134-000C-5489
16	33	75.0	345	4	US-09-489-039A-12233
17	33	75.0	426	4	US-09-107-532A-5246
18	32	72.7	201	4	US-09-461-325-140
19	32	72.7	201	4	US-10-012-542-140
20	32	72.7	201	4	US-10-015-123-140
21	32	72.7	234	4	US-09-489-039A-11988
22	32	72.7	268	4	US-09-198-452A-121
23	32	72.7	332	4	US-09-489-039A-8567
24	32	72.7	349	4	US-09-438-185A-105
25	32	72.7	350	4	US-09-489-039A-7254
26	32	72.7	351	1	US-08-415-751-36
27	32	72.7	376	4	US-09-498-520A-32

28	32	72.7	504	4	US-09-252-991A-24272	Sequence 24272, A
29	32	72.7	563	4	US-09-949-016-10317	Sequence 10317, A
30	31	70.5	15	1	US-08-190-802A-1	Sequence 1, App1
31	31	70.5	15	3	US-08-477-346-1	Sequence 1, App1
32	31	70.5	15	3	US-08-473-089-1	Sequence 1, App1
33	31	70.5	15	4	US-08-487-072A-1	Sequence 1, App1
34	31	70.5	74	4	US-09-270-767-36536	Sequence 36536, A
35	31	70.5	88	3	US-09-216-295-17	Sequence 51753, A
36	31	70.5	204	4	US-09-489-039A-13317	Sequence 13317, A
37	31	70.5	236	4	US-09-632-570-17	Sequence 17, App1
38	31	70.5	236	4	US-09-632-575-47	Sequence 47, App1
39	31	70.5	288	4	US-09-902-540-12603	Sequence 12603, A
40	31	70.5	330	4	US-09-492-709A-261	Sequence 261, App
41	31	70.5	333	4	US-09-543-681A-7983	Sequence 7983, App
42	31	70.5	346	4	US-08-948-276-6	Sequence 6, App1
43	31	70.5	352	4	US-09-919-172-39	Sequence 39, App1
44	31	70.5	352	4	US-09-489-039A-13500	Sequence 13500, A
45	31	70.5				

ALIGNMENTS

RESULT 1
US-08-162-402B-6
Sequence 6, Application US/08162402B
Patent No. 5972337

GENERAL INFORMATION:
APPLICANT: CERIANI, ROBERTO L.
APPLICANT: PETERSON, JERRY A.
APPLICANT: LAROCCA, DAVID J.
TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
TITLE OF INVENTION: GLOBULE (HMF) ANTIGEN, FRAGMENTS & FUSION PROTEIN
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder & Poplawski
STREET: 444 South Flower St., 19th Floor
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS

SOFTWARE: FASTSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/162,402B
FILING DATE: 03-DEC-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: P66 38215
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213-622-7700
TELEFAX: 213-489-4210

TELEX:
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 387 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: peptide

US-08-162-402B-6

Query Match 100.0%; Score 44; DB 2; Length 387;
Best Local Similarity 100.0%; Pred. No. 1.8;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Fri Nov 18 11:58:51 2005

us-09-744-804a-41.faa1

QY 1 RLALALCGA 9
DB 5 RLALALCGA 13

RESULT 2

US-08-162-402B-9
Sequence 8, Application US/08162402B
Patent No. 5972337
GENERAL INFORMATION:

APPLICANT: CERIANI, ROBERTO L.
APPLICANT: PETERSON, JERRY A.
TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
NUMBER OF SEQUENCES: GLOBULE (HMF) ANTIGEN, FRAGMENTS & FUSION PROTEIN
CORRESPONDENCE ADDRESS:
STREET: 444 South Flower St., 19th Floor
CITY: Los Angeles
STATE: CA
ZIP: 90071

COUNTRY: USA
COMPUTER READABLE FORM:
MEDIUM TYPE: IBM Diskette
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION NUMBER: 435
FILING DATE: 03-DEC-1993
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
TELECOMMUNICATION INFORMATION: P66 38215
TELEPHONE: 213-622-7700
TELEFAX: 213-489-4210

INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 463 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: peptide
US-08-162-402B-9

Query Match
Best Local Similarity 100.0%; Score 44; DB 2; Length 463;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RLALALCGA 9
DB 5 RLALALCGA 13

RESULT 3
US-08-162-402B-9
Sequence 9, Application US/08162402B
Patent No. 5972337
GENERAL INFORMATION:

APPLICANT: CERIANI, ROBERTO L.
APPLICANT: PETERSON, JERRY A.
TITLE OF INVENTION: 46 KDALTON HUMAN MILK FAT
NUMBER OF SEQUENCES: GLOBULE (HMF) ANTIGEN, FRAGMENTS & FUSION PROTEIN

CORRESPONDENCE ADDRESS:

STREET: 444 South Flower St., 19th Floor
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: IBM Diskette
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION NUMBER: 435
FILING DATE: 03-DEC-1993
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
TELECOMMUNICATION INFORMATION: P66 38215
TELEPHONE: 213-622-7700
TELEFAX: 213-489-4210

INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 463 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: peptide
US-08-162-402B-9

Query Match
Best Local Similarity 84.1%; Score 37; DB 2; Length 463;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RLALALCG 8
DB 5 RLALALCG 12

RESULT 4
US-09-252-991A-22210
Sequence 22210, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:

APPLICANT: Marc J. Rubenfield et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
FILE REFERENCE: 07/196,136
CURRENT FILING DATE: 1999-02-18
PRIORITY APPLICATION NUMBER: US/09/252,991A
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: 02-18
NUMBER FILING DATE: 1998-07-27
SEQ ID NO: 22210
LENGTH: 159
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-22210

Query Match
Best Local Similarity 77.8%; Score 36; DB 4; Length 159;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 RLALALCGA 9

Db 124 QLLCALCGA 132

RESULT 5

US-09-252-991A-31976
; Sequence 31976, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; PRIOR FILING DATE: 1999-02-18
; PRIOR FILING DATE: 1998-02-18
; PRIOR FILING DATE: 1998-07-27
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 31976
; LENGTH: 290
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-31976

Query Match 81.8%; Score 36; DB 4; Length 290;

Best Local Similarity 87.5%; Pred. No. 40;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 LLAALCGA 9

Db 245 LLAALCGA 252

RESULT 6

US-08-890-719-11
; Sequence 11, Application US/08890719A
; Patent No. 6075125
; GENERAL INFORMATION:
; APPLICANT: Bacon, Larry D
; APPLICANT: Hunt, Henry D
; TITLE OF INVENTION: Production of Antisera Specific to Major
; TITLE OF INVENTION: Histocompatibility Complex Molecules in Chickens
; FILE REFERENCE: Dkt 0064.96 - Larry D. Bacon et al.
; CURRENT APPLICATION NUMBER: US/08/890,719A
; CURRENT FILING DATE: 1997-07-09
; EARLIER APPLICATION NUMBER: 60/021,685
; EARLIER FILING DATE: 1996-07-10
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 355
; TYPE: PRT
; ORGANISM: Gallus gallus
US-08-890-719-11

Query Match 81.8%; Score 36; DB 3; Length 355;

Best Local Similarity 87.5%; Pred. No. 49;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 LLAALCGA 9

Db 12 LLAALCGA 19

RESULT 7

US-08-890-719-13
; Sequence 13, Application US/08890719A
; Patent No. 6075125
; GENERAL INFORMATION:
; APPLICANT: Bacon, Larry D
; APPLICANT: Hunt, Henry D

; APPLICANT: Fulton, Janet

; TITLE OF INVENTION: Production of Antisera Specific to Major
; TITLE OF INVENTION: Histocompatibility Complex Molecules in Chickens
; FILE REFERENCE: Dkt 0064.96 - Larry D. Bacon et al.
; CURRENT APPLICATION NUMBER: US/08/890,719A
; CURRENT FILING DATE: 1997-07-09
; EARLIER APPLICATION NUMBER: 60/021,685
; EARLIER FILING DATE: 1996-07-10
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 355
; TYPE: PRT
; ORGANISM: Gallus gallus
US-08-890-719-13

Query Match 81.8%; Score 36; DB 3; Length 355;

Best Local Similarity 87.5%; Pred. No. 49;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 LLAALCGA 9

Db 12 LLAALCGA 19

RESULT 8

US-09-252-991A-23809
; Sequence 23809, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR FILING DATE: 1998-02-18
; PRIOR FILING DATE: 1998-07-27
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 23809
; LENGTH: 446
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-23809

Query Match 79.5%; Score 35; DB 4; Length 446;

Best Local Similarity 100.0%; Pred. No. 94;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 LLAALCG 8

Db 204 LLAALCG 210

RESULT 9

US-09-893-737-324
; Sequence 324, Application US/09893737
; Patent No. 6822082
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Preenell, Scott R.
; TITLE OF INVENTION: MAMMALIAN SECRETED PROTEINS
; FILE REFERENCE: 00-41
; CURRENT APPLICATION NUMBER: US/09/893,737
; CURRENT FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: US 60/215,446
; PRIOR FILING DATE: 2000-06-30
; NUMBER OF SEQ ID NOS: 329
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 324
; LENGTH: 295

TYPE: PRT
ORGANISM: Homo sapiens
US-09-893-737-324

Query Match
Best Local Similarity 77.3%; Score 34; DB 4; Length 295;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 RLNALCGA 9
Db 7 RLNALCGA 14

RESULT 10
US-09-902-540-13543
Sequence 13543; Application US/09902540
Patent No. 6831440
GENERAL INFORMATION:
APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Wiegand, Steven C.
APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof
FILE REFERENCE: 38-10(13849)B
CURRENT APPLICATION NUMBER: US/09/902,540
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: 60/217,883
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 8725
SEQ ID NO 13543
LENGTH: 573
TYPE: PRT
ORGANISM: Myxococcus xanthus
US-09-902-540-13543

Query Match
Best Local Similarity 77.3%; Score 34; DB 4; Length 573;
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 RLNALCGA 9
Db 47 RLNALCGA 55

RESULT 11
US-09-270-767-34291
Sequence 34291; Application US/09270767
Patent No. 6703491
GENERAL INFORMATION:
APPLICANT: Homberger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patent Ver. 2.0
SEQ ID NO 34291
LENGTH: 95
TYPE: PRT
ORGANISM: Drosophila melanogaster
FEATURE:
OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-34291

Query Match
Best Local Similarity 66.7%; Score 33; DB 4; Length 95;
Matches 6; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 1 RLNALCGA 9
Db 87 RLNALCGA 95

RESULT 12
US-09-270-767-49508
Sequence 49508; Application US/09270767
Patent No. 6703491
GENERAL INFORMATION:
APPLICANT: Homberger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patent Ver. 2.0
SEQ ID NO 49508
LENGTH: 95
TYPE: PRT
ORGANISM: Drosophila melanogaster
FEATURE:
OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-49508

Query Match
Best Local Similarity 66.7%; Score 33; DB 4; Length 95;
Matches 6; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 1 RLNALCGA 9
Db 87 RLNALCGA 95

RESULT 13
US-09-543-681A-6034
Sequence 6034; Application US/09543681A
Patent No. 605706
GENERAL INFORMATION:
APPLICANT: GARY BRETON
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS
FILE REFERENCE: 2709-102-001
CURRENT APPLICATION NUMBER: US/09/543,681A
CURRENT FILING DATE: 2000-04-05
PRIOR APPLICATION NUMBER: US 60/128,706
PRIOR FILING DATE: 1998-04-09
NUMBER OF SEQ ID NOS: 8344
SEQ ID NO 6034
LENGTH: 211
TYPE: PRT
ORGANISM: Proteus mirabilis
US-09-543-681A-6034

Query Match
Best Local Similarity 66.7%; Score 33; DB 4; Length 211;
Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 RLNALCGA 9
Db 107 RLNALCGA 115

RESULT 14
US-09-489-039A-10173
Sequence 10173; Application US/09489039A
Patent No. 6610636
GENERAL INFORMATION:
APPLICANT: Gary Breton et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
FILE REFERENCE: 2709-2004001
CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 10173

; LENGTH: 252
; TYPE: PRT
; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-10173

Query Match 75.0%; Score 33; DB 4; Length 252;
Best Local Similarity 66.7%; Pred. No. 1.2e+02;
Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 RLALCGA 9
Db 79 KVLALCGA 87

RESULT 15
US-09-134-000C-5489
; Sequence 5489, Application US/09134000C
; Patent No. 6617156
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al
; TITLE OF INVENTION: ENTEROCOCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 032796-032
; CURRENT APPLICATION NUMBER: US/09/134,000C
; PRIOR FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: US 60/055,778
; PRIOR FILING DATE: 1997-08-15
; NUMBER OF SEQ ID NOS: 6812
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5489
; LENGTH: 295
; TYPE: PRT
; ORGANISM: Enterococcus faecalis
US-09-134-000C-5489

Query Match 75.0%; Score 33; DB 4; Length 295;
Best Local Similarity 75.0%; Pred. No. 1.5e+02;
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2 LLAALCGA 9
Db 169 VLALCGS 176

Search completed: November 17, 2005, 20:42:20
Job time : 21.1429 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 17, 2005, 20:38:09 ; Search time 72.8571 Seconds
(without alignments)
51.686 Million cell updates/sec

Title: US-09-744-804A-41
Perfect score: 44
Sequence: 1 RLTAALCGA 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1867879 seqs, 418409474 residues

Total number of hits satisfying chosen parameters: 1867879

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

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5: /cgn2_6/ptodata/1/pubppa/US07_NEW_PUB.pep:*
6: /cgn2_6/ptodata/1/pubppa/PCTUS_PUBCOMB.pep:*
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11: /cgn2_6/ptodata/1/pubppa/US09C_PUBCOMB.pep:*
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16: /cgn2_6/ptodata/1/pubppa/US10D_PUBCOMB.pep:*
17: /cgn2_6/ptodata/1/pubppa/US10E_PUBCOMB.pep:*
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19: /cgn2_6/ptodata/1/pubppa/US11A_PUBCOMB.pep:*
20: /cgn2_6/ptodata/1/pubppa/US11_NEW_PUB.pep:*
21: /cgn2_6/ptodata/1/pubppa/US60_NEW_PUB.pep:*
22: /cgn2_6/ptodata/1/pubppa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	44	100.0	335	16	US-10-408-765A-1474
2	44	100.0	343	14	US-10-190-593-2
3	44	100.0	343	16	US-10-485-360-8
4	44	100.0	387	14	US-10-190-593-4
5	44	100.0	387	16	US-10-873-900-2
6	44	100.0	395	16	US-10-485-360-7
7	44	100.0	612	16	US-10-485-360-30
8	39	88.6	116	15	US-10-424-599-265437
9	37	84.1	215	14	US-10-002-631C-194
10	37	84.1	218	14	US-10-002-631C-236
11	37	84.1	415	15	US-10-282-122A-61916

12	37	84.1	434	16	US-10-485-360-10	Sequence 10, Appl
13	37	84.1	463	16	US-10-873-900-4	Sequence 4, Appl
14	36	81.8	143	15	US-10-389-647-595	Sequence 595, App
15	36	81.8	737	16	US-10-437-963-170028	Sequence 170028,
16	36	81.8	970	16	US-10-437-963-172485	Sequence 172485,
17	36	81.8	1513	16	US-10-618-281-17	Sequence 17, Appl
18	36	81.8	1513	16	US-10-723-860-377	Sequence 377, App
19	35	79.5	107	16	US-10-425-115-239479	Sequence 239479,
20	35	79.5	243	16	US-10-437-963-140837	Sequence 140837,
21	35	79.5	365	18	US-10-450-763-46273	Sequence 46273, A
22	35	79.5	789	16	US-10-437-963-177334	Sequence 177334,
23	35	79.5	918	14	US-10-156-761-11172	Sequence 11172, A
24	35	79.5	923	15	US-10-424-599-230053	Sequence 230053,
25	35	79.5	940	15	US-10-425-114-68658	Sequence 68658, A
26	34	77.3	77	16	US-10-425-115-314612	Sequence 314612,
27	34	77.3	78	15	US-10-452-858C-73	Sequence 73, Appl
28	34	77.3	157	16	US-10-425-115-322221	Sequence 322221,
29	34	77.3	254	16	US-10-425-115-191206	Sequence 191206,
30	34	77.3	295	9	US-09-893-737-324	Sequence 324, App
31	34	77.3	295	18	US-10-970-713-324	Sequence 76162, A
32	34	77.3	457	15	US-10-282-122A-76162	Sequence 38526, A
33	34	77.3	466	20	US-11-097-143-38526	Sequence 20431, A
34	34	77.3	476	15	US-10-369-493-20431	Sequence 115732,
35	34	77.3	537	16	US-10-437-963-115732	Sequence 114, App
36	34	77.3	765	15	US-10-353-690-114	Sequence 1240, Ap
37	34	77.3	879	16	US-10-408-765A-1240	Sequence 181899,
38	34	77.3	931	16	US-10-437-963-181899	Sequence 4, Appl
39	34	77.3	1739	17	US-10-991-321-4	Sequence 49177, A
40	34	77.3	1754	18	US-10-450-763-49177	Sequence 237579,
41	33	75.0	72	16	US-10-425-115-237579	Sequence 64, Appl
42	33	75.0	80	9	US-09-915-582-64	Sequence 1476, Ap
43	33	75.0	80	11	US-09-833-245-1476	Sequence 64, Appl
44	33	75.0	80	14	US-10-277-802-64	Sequence 64, Appl
45	33	75.0	80	17	US-10-896-972-64	

ALIGNMENTS

RESULT 1
US-10-408-765A-1474
; Sequence 1474, Application US/10408765A
; Publication No. US20040101874A1
; GENERAL INFORMATION:
; APPLICANT: Ghosh, Soumitra S.
; APPLICANT: Zhang, Bing
; APPLICANT: Taylor, Bradford W.
; APPLICANT: Gibson, Steven W.
; APPLICANT: Taylor, Steven W.
; APPLICANT: Glenn, Gary M.
; APPLICANT: Warnock, Dale E.
; TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
; TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
; FILE REFERENCE: 660088.465
; CURRENT APPLICATION NUMBER: US/10/408,765A
; CURRENT FILING DATE: 2003-04-04
; NUMBER OF SEQ ID NOS: 3077
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 1474
; LENGTH: 335
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-408-765A-1474

Query Match 100.0%; Score 44; DB 16; Length 335;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RLTAALCGA 9
DB 5 RLTAALCGA 13

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RESULT 2
US-10-190-593-2
; Sequence 2, Application US/10190593
; Publication No. US2003002221A1
; GENERAL INFORMATION:
; APPLICANT: LANGIT, Emmanuel et al.
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
; FILE REFERENCE: CL001246
; CURRENT APPLICATION NUMBER: US/10/190,593
; CURRENT FILING DATE: 2002-07-09
; SOFTWARE: FastSeq for Windows Version 4.0
; NUMBER OF SEQ ID NOS: 4
; SEQ ID NO 2
; LENGTH: 343
; TYPE: PRT
; ORGANISM: Human
US-10-190-593-2

Query Match          100.0%; Score 44; DB 14; Length 343;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RLTAALCGA 9
Db 5 RLTAALCGA 13

RESULT 3
US-10-485-360-8
; Sequence 8, Application US/10485360
; Publication No. US2004019731A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094W0
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 343
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-485-360-8

Query Match          100.0%; Score 44; DB 16; Length 343;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RLTAALCGA 9
Db 5 RLTAALCGA 13

RESULT 4
US-10-190-593-4
; Sequence 4, Application US/10190593
; Publication No. US2003002221A1
; GENERAL INFORMATION:
; APPLICANT: LANGIT, Emmanuel et al.
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
; FILE REFERENCE: CL001246
; CURRENT APPLICATION NUMBER: US/10/190,593
; CURRENT FILING DATE: 2002-07-09
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 387
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; TYPE: PRT
; ORGANISM: Human
US-10-190-593-4

Query Match          100.0%; Score 44; DB 14; Length 387;
Best Local Similarity 100.0%; Pred. No. 21;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RLTAALCGA 9
Db 5 RLTAALCGA 13

RESULT 5
US-10-873-900-2
; Sequence 2, Application US/10873900
; Publication No. US20040241179A1
; GENERAL INFORMATION:
; APPLICANT: Institute National De la Sante Et De la Recherche Medicale
; APPLICANT: Raposo, Graca
; APPLICANT: Amigorena, Sebastien
; APPLICANT: Thery, Cécile
; TITLE OF INVENTION: Compositions and Methods Using Lactadherin Or Variants Thereof
; FILE REFERENCE: 70215.4003 KTM
; CURRENT APPLICATION NUMBER: US/10/873,900
; CURRENT FILING DATE: 2004-06-21
; PRIOR APPLICATION NUMBER: US 09/582,340
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 387
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-873-900-2

Query Match          100.0%; Score 44; DB 16; Length 387;
Best Local Similarity 100.0%; Pred. No. 21;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RLTAALCGA 9
Db 5 RLTAALCGA 13

RESULT 6
US-10-485-360-7
; Sequence 7, Application US/10485360
; Publication No. US2004019731A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094W0
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 395
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-485-360-7

Query Match          100.0%; Score 44; DB 16; Length 395;
Best Local Similarity 100.0%; Pred. No. 21;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RLTAALCGA 9
Db 5 RLTAALCGA 13
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```
RESULT 7
US-10-485-360-30
; Sequence 30, Application US/10485360
; Publication No. US20040197314A1
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; APPLICANT: Le Pecq, Jean-Bernard
; TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
; FILE REFERENCE: B0094W0
; CURRENT APPLICATION NUMBER: US/10/485,360
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 30
; LENGTH: 612
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: MISC FEATURE
; OTHER INFORMATION: Human Lactadherin-human CD40L chimeric protein
US-10-485-360-30

Query Match          100.0%; Score 44; DB 16; Length 612;
Best Local Similarity 100.0%; Pred. No. 32;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RLNALCGA 9
Db      5 RLNALCGA 13

RESULT 8
US-10-424-599-265437
; Sequence 265437, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J
; APPLICANT: Kovalic, David K
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 265437
; LENGTH: 116
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(116)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_8170C.1.pep
US-10-424-599-265437

Query Match          88.6%; Score 39; DB 15; Length 116;
Best Local Similarity 100.0%; Pred. No. 49;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 LLAALCGA 9
Db      64 LLAALCGA 71

RESULT 9
US-10-002-631C-194
; Sequence 194, Application US/10002631C
; Publication No. US20030157486A1
; GENERAL INFORMATION:
; APPLICANT: Graff, Jonathon M.
```

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; APPLICANT: Muenster, Matthew
; TITLE OF INVENTION: METHODS TO IDENTIFY SIGNAL SEQUENCES
; FILE REFERENCE: A34943 090495.0243
; CURRENT APPLICATION NUMBER: US/10/002,631C
; CURRENT FILING DATE: 2001-10-31
; PRIOR APPLICATION NUMBER: 60/300,309
; PRIOR FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 324
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 194
; LENGTH: 215
; TYPE: PRT
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: (7)...(49)
; OTHER INFORMATION: Xaa = any amino acid
US-10-002-631C-194

Query Match          84.1%; Score 37; DB 14; Length 215;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 RLNALCG 8
Db      201 RVLNALCG 208

RESULT 10
US-10-002-631C-236
; Sequence 236, Application US/10002631C
; Publication No. US20030157486A1
; GENERAL INFORMATION:
; APPLICANT: Graff, Jonathon M.
; APPLICANT: Muenster, Matthew
; TITLE OF INVENTION: METHODS TO IDENTIFY SIGNAL SEQUENCES
; FILE REFERENCE: A34943 090495.0243
; CURRENT APPLICATION NUMBER: US/10/002,631C
; CURRENT FILING DATE: 2001-10-31
; PRIOR APPLICATION NUMBER: 60/300,309
; PRIOR FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 324
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 236
; LENGTH: 218
; TYPE: PRT
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: (4)...(54)
; OTHER INFORMATION: Xaa = any amino acid
US-10-002-631C-236

Query Match          84.1%; Score 37; DB 14; Length 218;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 RLNALCG 8
Db      204 RVLNALCG 211

RESULT 11
US-10-282-122A-61916
; Sequence 61916, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Lianggu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haseibeck, Robert
; APPLICANT: Ohlsen, Kari
; APPLICANT: Zyskind, Judith
```

```
/ APPLICANT: Wall, Daniel
/ APPLICANT: Trawick, John
/ APPLICANT: Carr, Grant
/ APPLICANT: Yamamoto, Robert
/ APPLICANT: Forsyth, R.
/ APPLICANT: Xu, H.
/ TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
/ FILE REFERENCE: ELITPA.034A
/ CURRENT APPLICATION NUMBER: US/10/282.122A
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: 60/191.078
/ PRIOR FILING DATE: 2000-03-21
/ PRIOR APPLICATION NUMBER: 60/206.848
/ PRIOR FILING DATE: 2000-05-23
/ PRIOR APPLICATION NUMBER: 60/207.727
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: 60/230.335
/ PRIOR FILING DATE: 2000-09-06
/ PRIOR APPLICATION NUMBER: 60/230.347
/ PRIOR FILING DATE: 2000-09-09
/ PRIOR APPLICATION NUMBER: 60/242.578
/ PRIOR FILING DATE: 2000-10-23
/ PRIOR APPLICATION NUMBER: 60/253.625
/ PRIOR FILING DATE: 2000-11-27
/ PRIOR APPLICATION NUMBER: 60/257.931
/ PRIOR FILING DATE: 2000-12-22
/ PRIOR APPLICATION NUMBER: 60/267.636
/ PRIOR FILING DATE: 2001-02-09
/ PRIOR APPLICATION NUMBER: 60/269.308
/ PRIOR FILING DATE: 2001-02-16
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 78614
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 61916
/ LENGTH: 415
/ TYPE: PRT
/ ORGANISM: Mycobacterium avium
US-10-282-122A-61916
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Query Match      84.1% Score 37; DB 15; Length 415;
Best Local Similarity 77.8%; Pred. No. 3.4e+02;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

1 RLTAALCGA 9
|:|||||
20 RMTAALCGA 28

RESULT 12
US-10-485-360-10
/ Sequence 10, Application US/10485360
/ Publication No. US20040197314A1
/ GENERAL INFORMATION:
/ APPLICANT: Delcayre, Alain
/ APPLICANT: Le Pecq, Jean-Bernard
/ TITLE OF INVENTION: Methods and Compounds for the Targeting of Protein to Exosomes
/ FILE REFERENCE: B0094W0
/ CURRENT APPLICATION NUMBER: US/10/485.360
/ CURRENT FILING DATE: 2004-01-30
/ NUMBER OF SEQ ID NOS: 30
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 10
/ LENGTH: 434
/ TYPE: PRT
/ ORGANISM: Mus sp.
US-10-485-360-10
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Query Match      84.1% Score 37; DB 16; Length 434;
Best Local Similarity 87.5%; Pred. No. 3.6e+02;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

1 RLTAALCG 8
|:|||||
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Db              5 RVLAAALCG 12

RESULT 13
US-10-873-900-4
/ Sequence 4, Application US/10873900
/ Publication No. US20040241179A1
/ GENERAL INFORMATION:
/ APPLICANT: Institute National De La Sante Et De La Recherche Medicale
/ APPLICANT: Raposo, Gracia
/ APPLICANT: Amigorena, Sebastian
/ APPLICANT: Thery, Cécile
/ TITLE OF INVENTION: Compositions and Methods Using Lactadherin Or Variants Thereof
/ FILE REFERENCE: 70215.4003 KTM
/ CURRENT APPLICATION NUMBER: US/10/873.900
/ CURRENT FILING DATE: 2004-06-21
/ PRIOR APPLICATION NUMBER: US 09/582.340
/ PRIOR FILING DATE: 1999-11-23
/ NUMBER OF SEQ ID NOS: 6
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 4
/ LENGTH: 463
/ TYPE: PRT
/ ORGANISM: Murine
US-10-873-900-4
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Query Match      84.1% Score 37; DB 16; Length 463;
Best Local Similarity 87.5%; Pred. No. 3.8e+02;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

1 RLTAALCG 8
|:|||||
5 RVLAAALCG 12
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RESULT 14
US-10-389-647-595
/ Sequence 595, Application US/10389647
/ Publication No. US20040033549A1
/ GENERAL INFORMATION:
/ APPLICANT: GREENBERG, E. Peter
/ APPLICANT: SCHUSTER, Martin
/ APPLICANT: LOSTROH, Candi
/ TITLE OF INVENTION: QUORUM SENSING SIGNALING IN BACTERIA
/ FILE REFERENCE: UI2-038CP
/ CURRENT APPLICATION NUMBER: US/10/389.647
/ CURRENT FILING DATE: 2003-03-14
/ PRIOR APPLICATION NUMBER: 09/653730
/ PRIOR FILING DATE: 2000-09-01
/ PRIOR APPLICATION NUMBER: 60/153022
/ PRIOR FILING DATE: 1999-09-03
/ NUMBER OF SEQ ID NOS: 710
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 595
/ LENGTH: 143
/ TYPE: PRT
/ ORGANISM: Pseudomonas aeruginosa
US-10-389-647-595
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Query Match      81.8% Score 36; DB 15; Length 143;
Best Local Similarity 77.8%; Pred. No. 1.9e+02;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
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1 RLTAALCG 9
|:|||||
108 QLTALCGA 116

RESULT 15
US-10-437-963-170028
/ Sequence 170028, Application US/10437963
/ Publication No. US20040123343A1
/ GENERAL INFORMATION:
```

```

; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21 (53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 170028
; LENGTH: 737
; TYPE: PRT
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_68392C.1.pep
US-10-437-963-170028

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Query Match      81.8%; Score 36; DB 16; Length 737;
Best Local Similarity 77.8%; Pred. No. 8.5e+02;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      1 RLALALCGA 9
      |||||
      92 RLALALCGS 100

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Search completed: November 17, 2005, 21:24:21
 Job time : 73.8571 secs

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